
REPORTS BY STATES
WITH STATISTICS FOR COUNTIES

—
ALABAMA-MONTANA

PER CENT OF LAND AREA IN FARMS, AND AVERAGE VALUE OF FARM LAND PER ACRE, IN ALABAMA, BY COUNTIES: 1910.

PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 63.2.]

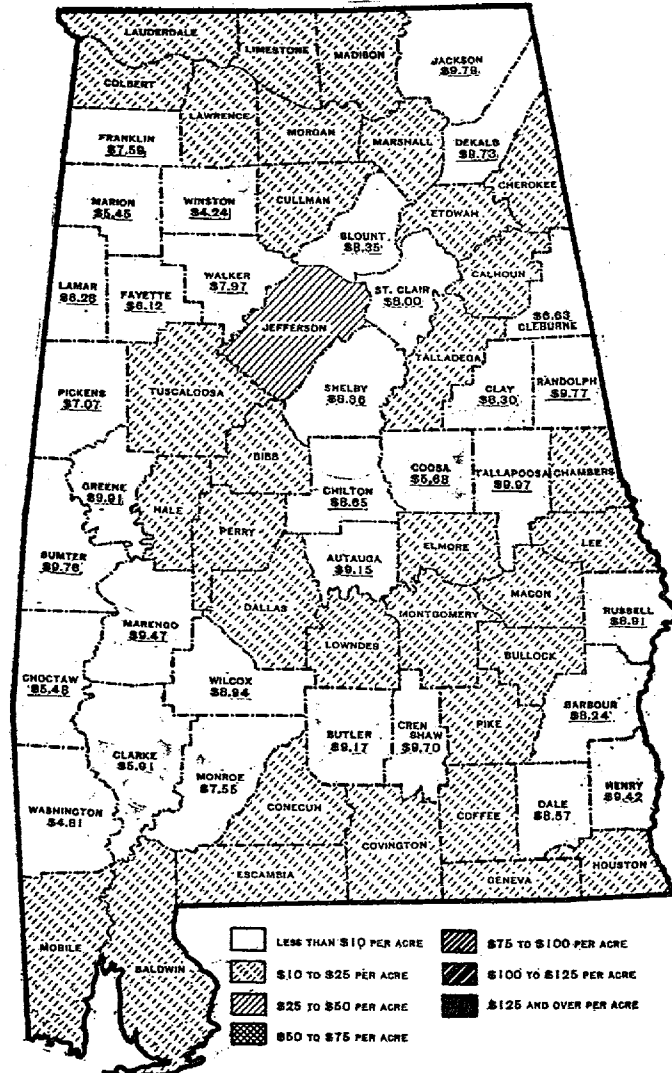
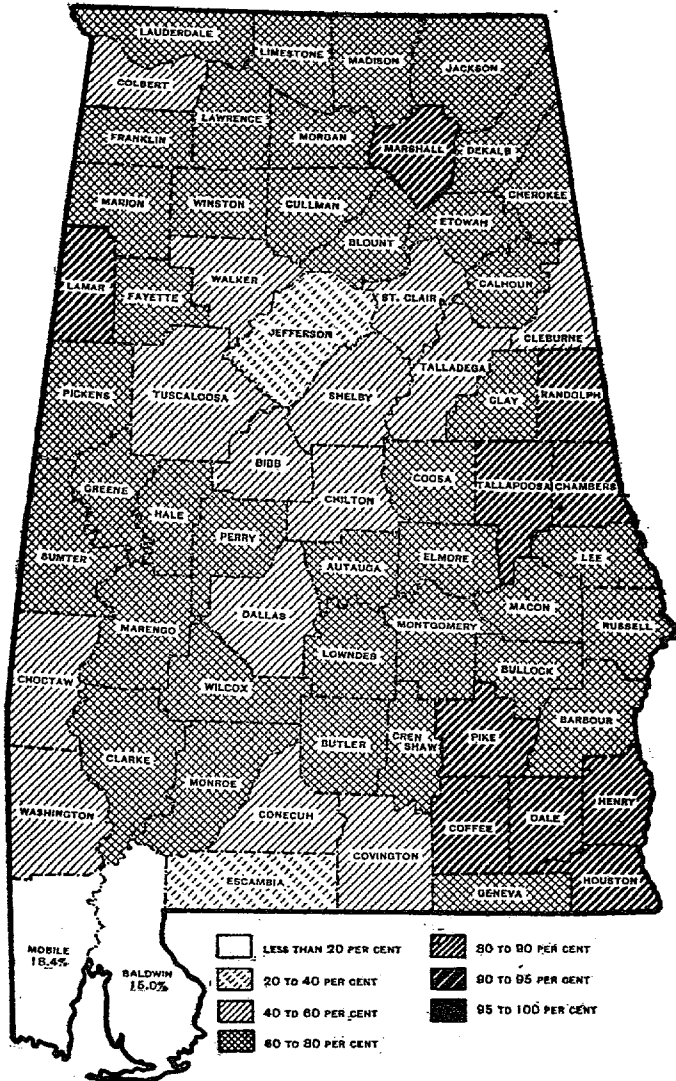
The per cent of land area in farms, when less than 20, is inserted under the county name.

AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$10.46.]

When the value is less than \$10 per acre, it is inserted under the county name.

(10)



ALABAMA.

FARMS AND FARM PROPERTY.

Alabama ranks eighteenth in population and twenty-seventh in land area among the states and territories of continental United States. The state rises from tide level in the vicinity of Mobile Bay to elevations of 1,800 feet in the northern counties of the state. All of the southern and western portions of the state lie within the Gulf Coastal Plain. The east central portion of the state is included in the Piedmont division, while the northern and northeastern portions consist of a series of mountain elevations with included limestone valleys. Extreme northern and northwestern Alabama includes also a small portion of the Cumberland Plateau and Highland Rim region, which crosses the state line into Tennessee.

Through the southern one-third of the state the surface of the Coastal Plain is rolling to somewhat hilly. The soils are extremely varied, ranging from dark mucky loams along the immediate coast line to sands, sandy loams, fine sandy loams, and heavy clay soils throughout the more inland region. In south central Alabama a stretch of dark calcareous prairie extends almost due east and west from Montgomery County to Sumter County, where it crosses the line into Mississippi. Inland from this region the high rolling portion of the Coastal Plain bounding the Piedmont and Appalachian divisions of the state consists principally of sands and sandy loam soils of somewhat rough and rolling topography, but with many fairly

level areas and included valleys. The Piedmont section of Alabama is rolling and well drained.

The two maps on the opposite page show, for the different counties, the proportion of the total land area in farms and the average value of farm land per acre. More than three-fifths (63.2 per cent) of the state's entire land area is in farms. As shown by the first map, only 4 counties have less than 40 per cent of their land in farms, while in 14 counties the proportion is from 40 to 60 per cent, and in 10 counties from 80 to 90 per cent. In 39 counties, well distributed over the state, the proportion is from 60 to 80 per cent.

The average value of farm land per acre for the whole state is \$10.46. As shown by the second map, the average value per acre is highest (\$42.35) in Jefferson County, in the north central part of the state, in which is located the city of Birmingham. In 33 counties, widely distributed over the state, the average is between \$10 and \$25 per acre, while in the same number of equally widely distributed counties it is less than \$10 per acre.

Progress during the decade 1900 to 1910.—The following table summarizes for the state the more significant facts relating to population and land area, the number, value, and acreage of farms, and the value of all other farm property returned in 1910 and 1900:

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE. ¹	
			Amount.	Per cent.
Population.....	2, 138, 093	1, 828, 697	309, 396	16. 9
Number of all farms.....	262, 901	223, 220	39, 681	17. 8
Approximate land area of the state.....acres.....	32, 818, 560	32, 818, 560	.....	.....
Land in farms.....acres.....	20, 732, 312	20, 685, 427	46, 885	0. 2
Improved land in farms.....acres.....	9, 693, 581	8, 654, 991	1, 038, 590	12. 0
Average acres per farm.....	78. 9	92. 7	-13. 8	-14. 9
Value of farm property:				
Total.....	\$370, 138, 429	\$179, 399, 882	\$190, 738, 547	106. 3
Land.....	216, 944, 175	100, 165, 571	116, 778, 604	116. 6
Buildings.....	71, 309, 416	34, 452, 612	36, 856, 804	107. 0
Implements and machinery.....	16, 290, 004	8, 675, 900	7, 614, 104	87. 8
Domestic animals, poultry, and bees.....	65, 594, 834	36, 105, 799	29, 489, 035	81. 7
Average value of all property per farm.....	\$1, 408	\$804	\$604	75. 1
Average value of land per acre.....	\$10. 46	\$4. 84	\$5. 62	116. 1

¹ A minus sign (-) denotes decrease.

Between 1900 and 1910 there was an increase of 39,681, or 17.8 per cent, in the number of farms in Alabama, as compared with an increase of 16.9 per cent in the population, of 12 per cent in the acreage of improved farm land, and of two-tenths of 1 per cent in the total

farm acreage. The average size of farms, which was 92.7 acres in 1900, had decreased to 78.9 acres in 1910. The total value of farm property, which includes that of land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), is

(17)

\$370,138,000, an increase of 106.3 per cent since 1900. Land alone increased in value 116.6 per cent, compared with an increase of 107 per cent in the value of buildings, of 87.8 per cent in that of implements and machinery, and of 81.7 per cent in that of live stock. In considering the increase of values in agriculture the general increase in the prices of commodities in the last 10 years should be borne in mind.

The average value of a farm, including its equipment, is \$1,408, showing an increase of 75.1 per cent since 1900. During the decade the average value of land per acre increased by \$5.62, or more than doubled.

Population, number of farms, and farm acreage: 1850 to 1910.—The table following presents, for the state as a whole for each census from 1850 to 1910, inclusive, a statement of the total population, the number of farms, and the acreage of farm land and of improved land in farms. It also gives the percentage of the land area in farms, the percentage of farm land improved, and the percentage of increase during each decade in the number of farms and in the land in farms.

CENSUS YEAR.	Popula- tion.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im- proved.
		Number.	Per cent of in- crease.	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease. ¹			
1910...	2,138,093	262,901	17.8	20,732,312	0.2	9,693,581	63.2	46.8
1900...	1,828,097	223,220	41.5	20,685,427	4.2	8,054,991	63.0	41.8
1890...	1,513,401	157,772	16.1	19,853,000	5.3	7,698,343	60.5	38.8
1880...	1,262,505	135,384	101.6	18,855,334	26.0	6,375,706	57.5	33.8
1870...	996,992	67,382	22.2	14,961,178	-21.7	5,062,204	45.6	33.8
1860...	664,201	55,128	31.4	19,104,545	57.4	6,385,724	58.2	33.4
1850...	771,923	41,964	.....	12,137,081	.....	4,435,614	37.0	36.5

¹ A minus sign (—) denotes decrease.

In the 60 years since 1850 the population of the state has increased by 1,366,470, or 177.1 per cent. The increase has been continuous and quite uniform, except that the gain during the decade 1860–1870 was comparatively small. For the entire 60 years the number of farms increased continuously from 41,964 to 262,901, or at a rate of 3,682 per year. Between 1890 and 1900 the rate of increase was 6,545 per year, while during the last decade the number advanced at the rate of 3,968 per year. This rapid increase in the number of farms is due largely to the breaking up of plantations into tenant holdings.

The land surface of Alabama is approximately 32,818,560 acres. Of this area, 20,732,312 acres, or 63.2 per cent, are included in farms. During the last decade the total farm acreage increased in several counties and decreased in many others, leaving a net increase of 46,885 acres, or two-tenths of 1 per cent, for the state as a whole. During the 10 years the acreage of improved land increased by 1,038,590 acres, or 12 per cent. Thus the proportion of farm land which is improved is higher at the census of 1910 than in 1900—46.8 per cent as compared with 41.8 per cent.

Both the total amount of land in farms and the improved acreage are higher than at any time in the period covered by the table. Since 1870 both have continuously increased. In 1850 the farm land constituted 37 per cent of the land area of the state, and in 1860, 58.2 per cent; but in 1870 it had dropped to 45.6 per cent. The decline between 1860 and 1870 was due to the effects of the Civil War. The improved acreage followed the same general course during these 20 years. The proportion of the farm area which was improved decreased from 36.5 per cent in 1850 to 33.4 per cent in 1860, remained practically stationary until 1880, and has since then increased at each census.

Values of farm property: 1850 to 1910.—The agricultural changes in Alabama since 1850, as reflected in the values of the several classes of farm property, are shown in the table which follows:

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹
1910.....	\$370,138,429	106.3	\$288,263,591	114.1	\$16,290,004	87.8	\$65,594,834	81.7
1900.....	179,399,832	22.6	134,618,183	21.2	8,675,900	92.3	36,105,799	17.3
1890.....	146,339,765	37.4	111,051,390	40.7	4,511,645	19.1	30,776,730	20.4
1880.....	106,531,307	36.3	78,954,648	45.7	3,788,978	44.1	23,787,681	11.4
1870 ²	78,172,844	-65.5	54,191,229	-69.2	2,029,539	-64.6	21,352,070	-50.8
1860.....	226,669,511	148.7	175,824,022	173.3	7,433,178	45.0	43,411,711	100.1
1850.....	91,138,999	.....	64,323,224	.....	5,125,663	.....	21,690,112	.....

¹ A minus sign (—) denotes decrease.

² Computed gold values, being 80 per cent of the currency values reported.

The total wealth in the form of farm property is, as noted above, \$370,138,000, of which 77.9 per cent (nearly four-fifths) is represented by land and buildings, 17.7 per cent by live stock, and 4.4 per cent by implements and machinery. The total value of farm property increased during the last 10 years by \$190,739,000, or 106.3 per cent. To this total increase \$153,635,000 was contributed by land and buildings, \$29,489,000 by live stock, and \$7,614,000 by implements and machinery. The gain was almost six times as great between 1900 and 1910 as during the decade immediately preceding.

There was an extraordinary increase in farm values in Alabama from 1850 to 1860, followed by a still more conspicuous decrease during the decade of the Civil War. The total value in 1910 was nearly five times as great as in 1870. In 1890 the value of live stock was about seven times that of implements and machinery, but in 1900 and in 1910 it was only approximately four times as great, thus emphasizing the increasing relative importance of implements and machinery in the farming operations of the state.

Average acreage and values per farm: 1850 to 1910.—The changes which have taken place during the past 60 years in the average acreage of Alabama farms

and in the average values of the various classes of farm property, as well as in the average value per acre of land and buildings, are shown in the following table:

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. ¹				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	78.9	\$1,408	\$1,096	\$62	\$250	\$13.90
1900.....	92.7	804	603	39	102	6.51
1890.....	125.8	928	704	29	195	5.59
1880.....	138.8	784	581	28	175	4.19
1870 ²	222.0	1,160	804	39	317	3.62
1860.....	346.5	4,112	3,189	135	787	9.20
1850.....	289.2	2,172	1,533	122	517	5.30

¹ Averages are based on "all farms" in state.
² Computed gold values, being 80 per cent of the currency values reported.

The average size of an Alabama farm decreased from 289.2 acres in 1850 to 78.9 acres in 1910, an average of 3.5 acres per year. In 1850 and 1860, and to a considerable extent in 1870, the "plantation" was the common farm unit in a large part of the state, as it had been during the first half of the century, and the high average size of farms at those three censuses is accounted for largely by the fact that each plantation was reported as one farm. During the last 40 years most plantations have been divided gradually into smaller parcels of land, operated largely by tenants. Each of these tenant holdings is reported as a farm and each tenant as a farmer, whether or not the owner of the property lives on the plantation and directs the operations. This accounts to a large extent for the fact that the number of farms reported increased 290.2 per cent during the last 40 years, while the amount of land in farms increased only 38.6 per cent.

In the case of many plantations, although most of the land is now worked by tenants, each of whom is reported as a farmer and the land operated by him as a farm, yet there is supervision by the owner, so that, in a sense, the entire plantation may be said to constitute a single farm. The Bureau of the Census has recently made an investigation of the extent to which the plantation as a unit of farm management still prevails, and the results of this study will appear in a later report.

Bearing in mind the definition of a farm as it applies to conditions in Alabama, it is to be noted that the average value is \$1,408, of which \$1,096 represents the average value of land and buildings, \$250 that of live stock, and \$62 that of implements and machinery. Although the aggregate value of farm property in the state was advancing between 1870 and 1900, the average value per farm decreased from \$1,160 to \$804. This was due largely to the division of plantations into subdivisions operated by tenants. Notwithstanding a further decline in the average size of farm, the average value per farm has increased greatly during the last decade. The average value of land and buildings per acre increased from \$3.62 in 1870 to \$6.51 in 1900 and to \$13.90 in 1910.

Farm tenure: 1880 to 1910.—The following table shows the distribution of the farms of the state ac-

ording to character of tenure at each census since 1880:

TENURE.	1910	1900	1890	1880
Number of all farms.....	262,901	223,220	157,772	135,864
Farms operated by owners and managers.....	104,575	94,346	81,141	72,215
Farms consisting of owned land only.....	87,589	81,915	(¹)	(¹)
Farms consisting of owned and hired land.....	10,340	11,557	(¹)	(¹)
Farms operated by managers.....	646	874	(¹)	(¹)
Farms operated by tenants.....	158,326	128,874	76,631	63,649
Share tenants.....	67,352	54,544	37,700	40,761
Share-cash tenants ²	2,428			
Cash tenants.....	38,360	74,330	38,931	22,888
Tenure not specified ³	5,186			
Per cent of farms operated by—				
Owners and managers.....	39.8	42.3	51.4	53.2
Tenants.....	60.2	57.7	48.6	46.8
Share and share-cash.....	20.5	24.4	23.9	30.0
Cash and nonspecified.....	33.7	33.3	24.7	16.8

¹ Not reported separately.
² Share-cash tenants were doubtless largely included with share tenants in 1900, 1890, and 1880.
³ Prior to 1910 nonspecified tenants were included with cash tenants.

The number of all farms, and therefore of all farm operators, is 262,901. Of the operators, 103,929 are classified as owners, 646 as managers, and 158,326 as tenants.

While the total number of farm operators increased from 135,864 in 1880 to 262,901 in 1910, an increase of 93.5 per cent, the number of tenants increased from 63,649 in 1880 to 158,326 in 1910, or 148.7 per cent. Thus the proportion of tenants has increased, having risen from 46.8 per cent of all farmers in 1880 to 60.2 per cent in 1910. For the sake of comparison with the earlier figures, the share and share-cash tenants of the census of 1910 have been grouped together, and likewise the cash and nonspecified tenants. In 1880 the share group constituted nearly two-thirds of the total number of tenants, but the relative importance of the two groups has changed considerably. Since 1890 the cash group has outnumbered the share group. The cash group now constitutes 55.9 per cent of all tenants, a smaller proportion than in 1900, but a larger proportion than in 1890.

The following table shows, for white and colored farmers combined and for each class separately, the total and improved acreage and the value of land and buildings for farms operated by owners (including part owners), managers, and tenants, respectively:

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
All farmers.....	20,732,312	20,685,427	9,693,551	8,654,991	\$288,253,501	\$134,613,133
Owners.....	13,250,106	13,565,350	4,620,232	4,339,091	166,872,298	77,545,453
Managers.....	366,767	361,301	120,099	123,764	6,965,603	3,924,680
Tenants.....	7,085,439	6,758,776	4,953,250	4,192,136	114,415,600	53,143,000
White.....	15,640,877	15,965,280	6,130,405	5,591,089	214,384,864	99,404,933
Owners.....	11,813,387	12,348,537	3,944,413	3,815,523	149,580,796	70,901,143
Managers.....	349,285	347,089	115,087	118,115	6,550,964	3,800,560
Tenants.....	3,478,205	3,269,654	2,070,905	1,657,450	58,197,104	24,703,490
Colored.....	5,091,435	4,720,147	3,563,146	3,063,903	73,918,727	35,218,200
Owners.....	1,466,719	1,216,813	675,819	523,568	17,285,502	6,644,310
Managers.....	17,482	14,212	6,012	5,049	414,729	123,720
Tenants.....	3,607,234	3,489,122	2,882,345	2,534,286	56,218,496	28,449,170

The following table shows, for white and colored farmers combined and for each class separately, the per cent distribution, by tenure groups, of the items in the preceding table, and also of the number of farms:

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
All farmers.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	39.5	41.9	64.1	65.0	47.7	50.1	57.9	57.6
Managers.....	0.2	0.4	1.8	1.7	1.2	1.4	2.4	2.9
Tenants.....	60.2	57.7	34.2	32.7	51.1	48.4	39.7	39.5
White.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	57.0	61.5	75.5	77.3	64.3	68.2	69.8	71.3
Managers.....	0.4	0.6	2.2	2.2	1.9	2.1	3.1	3.8
Tenants.....	42.6	37.9	22.2	20.5	33.8	29.6	27.2	24.9
Colored.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	15.5	15.0	28.8	25.8	19.0	17.1	23.4	18.9
Managers.....	(¹)	0.1	0.3	0.3	0.1	0.2	0.6	0.4
Tenants.....	84.5	84.9	70.8	73.9	80.9	82.7	76.1	80.8

¹ Less than one-tenth of 1 per cent.

It will be seen that, in 1910, 64.1 per cent of all land in farms was in farms operated by their owners, 1.8 per cent in farms operated by managers, and 34.2 per cent in farms operated by tenants, the percentage for owners being lower and that for managers and for tenants higher than in 1900.

Of all land in farms operated by white farmers, 75.5 per cent was in farms operated by their owners and 22.2 per cent in tenant farms, while of that in farms operated by colored farmers, 28.8 per cent was in farms operated by owners, and 70.8 per cent in tenant farms. The proportion of land in farms operated by owners decreased among white farmers between 1900 and 1910, while that among colored farmers increased.

As shown by the next table, the average size of farms operated by managers in 1910 (567.8 acres) was considerably more than four times as great as that of farms operated by their owners (127.8 acres), which was in turn nearly three times as great as that of farms operated by tenants (44.8 acres). The average size of farms operated by managers increased between 1900 and 1910, while that of farms operated by owners and by tenants decreased. In 1910 the percentage of farm land improved was highest for farms operated by tenants, and lowest for those operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land		Improved land.				Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
All farmers.....	78.9	92.7	36.9	38.8	48.8	41.8	\$1,098	\$603	\$13.90	\$6.51
Owners.....	127.8	145.1	44.5	46.4	34.8	32.0	1,606	830	12.57	5.72
Managers.....	567.8	413.4	185.9	141.0	32.7	34.0	10,783	4,490	18.99	10.86
Tenants.....	44.8	52.4	31.3	32.5	69.9	62.0	723	412	16.15	7.86
White.....	102.6	123.6	40.2	43.3	39.2	35.0	1,406	770	13.70	6.23
Owners.....	138.0	155.8	45.4	48.1	33.4	30.9	1,722	893	12.66	5.74
Managers.....	588.0	432.8	193.7	147.3	32.9	34.0	11,029	4,739	18.76	10.95
Tenants.....	53.5	66.8	31.9	33.8	69.5	50.7	895	504	16.73	7.56
Colored.....	46.1	50.2	32.3	32.6	70.0	64.9	659	374	14.52	7.48
Owners.....	85.9	86.2	39.6	37.1	46.1	43.0	1,012	471	11.79	5.46
Managers.....	336.2	197.4	96.4	78.5	28.7	39.7	7,976	1,718	23.72	8.71
Tenants.....	38.7	43.7	30.9	31.7	79.9	72.6	602	356	15.58	8.15

The average size of farms operated by white farmers in 1910 (102.6 acres) was more than twice as large as that of farms of colored farmers (46.1 acres); both classes of farms decreased in size between 1900 and 1910. The proportion of land improved was larger for farms of colored farmers than for those of white farmers, being, respectively, 70 and 39.2 per cent of the total acreage in each class of farms.

Farm mortgages: 1890 to 1910.—The Eleventh Census (1890) was the first to collect data relating to mortgage debt on farms. The basis of the returns was the "farm home" occupied by its owner. The same class of information was secured by the population schedules of the Twelfth Census (1900). The agricultural schedules of the Thirteenth Census (1910) secured practically the same information, except that the basis was "owned farms" instead of "owned farm homes"—a difference involving, however, no appreciable incomparability.

The table following relates to farms operated by persons owning all or part of the land, and shows for 1910 (1) the number of such farms reported as free from mortgage; (2) the number reported as mortgaged; and (3) the number for which no mortgage reports were secured. Comparable items are included for 1900 and 1890.

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	103,929		91,639		71,929	
Free from mortgage.....	74,504	73.1	70,438	80.8	68,798	95.6
Mortgaged.....	27,457	26.9	16,785	19.2	3,131	4.4
Unknown.....	1,968		4,416			

¹ Includes all farms owned in whole or in part by the operator.

² The 213 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.

³ Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 103,929. Of this number 74,504 were reported as free from mortgage; 27,457 were reported as mortgaged; and for 1,968 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 26.9 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is much higher than it was in 1890 and somewhat higher than in 1900. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1910 the absolute increase in the number of mortgaged farms was much more than that in the number free of mortgage.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 27,457 farms reported as mortgaged, 21,799 are wholly owned by the farmers, and for 19,230 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included for 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding the amount of mortgage debt were not obtained in 1900.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE. ¹	
	1910 ²	1890 ³	Amount.	Per cent.
Number.....	19,230	3,131		
Value—Land and buildings.....	\$32,311,461	\$4,357,139		
Amount of mortgage debt.....	\$10,350,577	\$1,907,199		
Per cent of debt to value.....	32.0	43.8		
Average value per farm.....	\$1,680	\$1,392	\$288	20.7
Average debt per farm.....	\$538	\$609	-\$71	-11.7
Average equity per farm.....	\$1,142	\$783	\$359	45.8

¹ A minus sign (—) denotes decrease.
² Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.
³ Includes all owned farm homes, estimates being made of value of farms and amount of debt for all defective reports.

The average debt of mortgaged farms has decreased in the 20 years from \$609 to \$538, or 11.7 per cent. The average value of such farms, however, increased, the increase being from \$1,392 to \$1,680, or 20.7 per cent. Thus the owner's equity rose from \$783 in 1890 to \$1,142 in 1910, or 45.8 per cent. As a result of the greater relative increase in the total farm value than in the total farm debt, the mortgage indebtedness, which was 43.8 per cent of the value of the mortgaged farms in 1890, was only 32 per cent of this value in 1910.

Farms by size groups: 1910 and 1900.—The next table shows the distribution of farms by size groups at the censuses of 1910 and 1900.

More than two-fifths (40.6 per cent) of the farms in Alabama are from 20 to 49 acres in size, approximately one-fifth (21.1 per cent) from 50 to 99 acres, and slightly more than one-eighth (13.5 per cent) from 100 to 174 acres. Hence more than three-fourths of all the farms in the state are between 20 and 174 acres in size. Nearly one-sixth are under 20 acres in size, while the farms of 175 acres or over constitute about one-twelfth of the total. From 1900 to 1910 the number of each class of farms between 3 and 99 acres in size increased materially, but the number in each of the classes above 100 acres in size decreased. The greatest percentage decrease occurred in the num-

ber of places under 3 acres reported as farms; the number of these reported in 1910 is about one-sixth as great as 10 years ago. This decrease may be due to a different interpretation by the enumerators as to what constitutes a small farm, or may represent an actual decrease in that type of farm.

Farms of 20 to 49 acres constituted the most numerous group among the farms both of white and colored farmers, forming about one-third (32.2 per cent) of the total in the former instance and more than one-half (52.3 per cent) in the latter, while farms of 50 to 99 acres ranked second in each case, the percentages being 23.5 and 17.8, respectively. Of the farms operated by colored farmers, 72.8 per cent were farms of less than 50 acres, as compared with 44.8 per cent of the farms of white farmers.

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
All farmers.....	262,901	223,220	39,681	17.8	100.0	100.0
Under 3 acres.....	130	768	-638	-83.1	(?)	0.3
3 to 9 acres.....	13,613	10,009	3,604	36.0	5.2	4.5
10 to 19 acres.....	28,115	20,866	7,249	34.7	10.7	9.3
20 to 49 acres.....	106,841	80,784	26,057	32.3	40.0	36.2
50 to 99 acres.....	55,448	47,745	7,703	16.1	21.1	21.4
100 to 174 acres.....	35,563	37,111	-1,548	-4.2	13.5	16.6
175 to 259 acres.....	11,932	12,561	-629	-5.0	4.5	5.6
260 to 499 acres.....	8,161	9,632	-1,471	-15.3	3.1	4.3
500 to 999 acres.....	2,276	2,788	-512	-18.4	0.9	1.2
1,000 acres and over.....	822	956	-134	-14.0	0.3	0.4
White.....	152,458	129,137	23,321	18.1	100.0	100.0
Under 3 acres.....	108	459	-351	-76.5	0.1	0.4
3 to 9 acres.....	4,384	2,769	1,615	58.3	2.9	2.1
10 to 19 acres.....	14,705	9,990	4,715	47.2	9.0	7.7
20 to 49 acres.....	49,075	34,339	14,736	42.9	32.2	26.6
50 to 99 acres.....	35,769	29,173	6,596	22.6	23.5	22.6
100 to 174 acres.....	28,275	29,687	-1,412	-4.8	18.5	23.0
175 to 259 acres.....	10,177	10,742	-565	-5.3	6.7	8.3
260 to 499 acres.....	7,075	8,494	-1,419	-16.7	4.6	6.6
500 to 999 acres.....	2,103	2,565	-462	-18.0	1.4	2.0
1,000 acres and over.....	787	919	-132	-14.4	0.5	0.7
Colored.....	110,443	94,083	16,360	17.4	100.0	100.0
Under 3 acres.....	22	309	-287	-92.9	(?)	0.3
3 to 9 acres.....	9,229	7,240	1,989	27.5	8.4	7.7
10 to 19 acres.....	13,410	10,876	2,534	23.3	12.1	11.6
20 to 49 acres.....	57,766	46,445	11,321	24.4	52.3	49.4
50 to 99 acres.....	19,679	18,572	1,107	6.0	17.8	19.8
100 to 174 acres.....	7,288	7,424	-136	-1.8	6.6	7.9
175 to 259 acres.....	1,755	1,819	-64	-3.5	1.6	1.9
260 to 499 acres.....	1,086	1,138	-52	-4.0	1.0	1.2
500 to 999 acres.....	173	223	-50	-22.4	0.2	0.2
1,000 acres and over.....	35	37	-2	-5.4	(?)	(?)

¹ A minus sign (—) denotes decrease. ² Less than one-tenth of 1 per cent.

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 41,858), and also the farms of between 175 and 499 acres (numbering 20,093):

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	20,732,312	20,685,427	9,693,581	8,654,991	\$288,253,591	\$134,618,183
Under 20 acres.....	477,518	362,820	461,806	342,778	17,732,596	6,935,740
20 to 49 acres.....	3,294,559	2,579,379	2,803,670	2,104,828	65,174,986	25,493,960
50 to 99 acres.....	3,862,717	3,369,528	2,289,469	1,926,879	61,745,865	26,164,860
100 to 174 acres.....	4,674,360	4,963,792	1,857,959	1,823,255	56,058,111	27,421,503
175 to 499 acres.....	5,257,792	5,891,271	1,602,363	1,695,000	55,450,822	30,222,750
500 to 999 acres.....	1,497,299	1,808,499	374,410	424,874	16,116,822	9,781,040
1,000 acres and over.....	1,668,067	1,710,138	303,904	337,377	15,974,389	8,668,330

The next table shows the per cent distribution, by size groups, of the items presented in the preceding table, and also of the number of farms.

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	15.9	14.2	2.3	1.8	4.8	4.0	6.2	5.2
20 to 49 acres.....	40.6	36.2	15.9	12.5	28.9	24.3	22.6	18.9
50 to 99 acres.....	21.1	21.4	18.6	16.3	23.6	22.3	21.4	19.4
100 to 174 acres.....	13.5	16.6	22.5	24.0	19.2	21.1	19.4	20.4
175 to 499 acres.....	7.6	9.9	25.4	28.5	16.5	19.6	19.2	22.5
500 to 999 acres.....	6.9	1.2	7.2	8.7	3.9	4.9	5.6	7.3
1,000 acres and over.....	0.3	0.4	8.0	8.3	3.1	3.9	5.5	6.4

Of the total farm acreage of the state in 1910, 25.4 per cent was in farms of 175 to 499 acres, and 22.5 per cent in farms of 100 to 174 acres, these two being from the standpoint of aggregate acreage the most important size groups. Between 1900 and 1910 there was an increase in the proportion of the total acreage which was in farms of every size group under 100 acres, and a corresponding decrease in the proportion in farms of every size group of 100 acres and over.

The following table shows, by size groups, the per cent of farm land improved and average value of land and buildings per farm and per acre:

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	1910	1900	Per farm.		Per acre.	
			1910	1900	1910	1900
Total.....	48.8	41.8	\$1,096	\$603	\$13.90	\$8.51
Under 20 acres.....	96.7	94.5	424	219	37.13	19.12
20 to 49 acres.....	85.1	81.6	610	318	19.78	9.86
50 to 99 acres.....	59.3	57.2	1,114	548	16.99	7.76
100 to 174 acres.....	39.7	36.7	1,576	830	11.99	5.52
175 to 499 acres.....	30.5	28.8	2,760	1,362	10.55	5.13
500 to 999 acres.....	25.0	23.5	7,081	3,508	10.76	5.41
1,000 acres and over.....	18.2	19.7	19,434	9,667	9.58	5.07

As shown by the above table, the percentage of farm land improved diminishes as the average size of the farms increases. For this reason, and also because buildings have normally a higher value in proportion

DOMESTIC ANIMALS, POULTRY, AND BEES.

Domestic animals on farms: 1910.—The census of 1910 was taken as of April 15, and that of 1900 as of June 1. Since a great many domestic animals are born during the six weeks between April 15 and June 1, and on the other hand a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not closely comparable, and the same is true in somewhat less degree of the values. For this reason, the figures for 1900 are not presented in this bulletin, but in the general reports of the census the figures for the several states will be presented and the extent to which their comparability is affected by the change in the date of enumeration will be discussed.

The total value of live stock on farms, including domestic animals, poultry, and bees, in 1910 was \$65,595,000, of which domestic animals contributed \$63,575,000. The value of cattle represented 20.5

to farm acreage on small than on large farms, the average value of land and buildings per acre of land also generally diminishes with the increase in the size of the farms; it is much higher for farms under 20 acres in size than for those of any other group.

Color and nativity of farmers: 1910.—Prior to the Thirteenth Census no attempt was made to secure information on the farm schedules concerning the nativity of farmers.

Of the farmers in Alabama, 152,458, or 58 per cent, were whites and 110,443, or 42 per cent, nonwhites. All but 1,244 of the white farmers were native born. Of the nonwhite farmers, nearly all (110,387) are negroes, the remaining 56 being Indians. Among the native white farmers, 42.9 per cent were tenants, as compared with only 9.9 per cent among the very small number of foreign-born white. Among nonwhite farmers the tenants constituted more than five-sixths (84.5 per cent) of the total number.

The table which follows shows the color and nativity of farm operators by character of tenure for 1910:

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Owners.	Tenants.	Managers.	Per cent of total.		
	Number.	Per cent distribution.				Own-ers.	Ten-ants.	Man-agers.
Total.....	262,901	100.0	103,929	158,326	646	39.5	60.3	0.3
Native white.....	151,214	57.5	85,734	64,894	586	56.7	42.9	0.4
Foreign-born white.....	1,244	0.5	1,113	123	8	89.5	9.9	0.6
Negro and other nonwhite.....	110,443	42.0	17,082	93,309	52	15.5	84.5	(¹)

¹ Less than one-tenth of 1 per cent.

Of the 1,244 foreign-born white farmers in Alabama in 1910, 462 were born in Germany, 167 in Sweden, 144 in England, and 53 in Hungary. Other European countries were represented by a total of 360 farmers, and non-European countries by 58.

per cent of the total value of live stock; that of horses and mules, 69 per cent; that of swine, 6.6 per cent; that of sheep and lambs, 0.5 per cent; and that of poultry, 2.8 per cent, the other classes being insignificant.

Of the total number of farms enumerated, 248,190, or 94.4 per cent, report domestic animals of some kind, the number without any domestic animals being 14,711.

Cattle are reported by 80.7 per cent of all farms, "dairy cows" by 77.6 per cent, and "other cows" by only 20.6 per cent.

In 1900 the census was taken as of date June 1, after all the spring calves were born, and the group "calves" included all cattle less than one year of age, while the census of 1910 was taken as of April 15, and only calves born in 1910 were included in the comparative group. As a result, the number of calves reported decreased from 213,000 to 115,000. In spite of the fact that the age of the calves reported in 1910

would average much lower, their average value per head was slightly greater than in 1900.

Mules are reported by about three-fifths of the farms, while about one-third report horses. The number of mules is nearly twice that of horses, and their average values for corresponding age groups are considerably higher, except in the case of spring colts. Only small percentages of farms report horse or mule colts, indicating that most farmers buy instead of raise their work animals.

The following table summarizes the statistics of domestic animals on farms for the state, recorded as of April 15, 1910. Cattle and sheep are divided into age and sex groups, while horses, mules, and swine are presented by age groups only.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Percent of all farms.	Number.	Value.	Average value.
Total.....	248,190	94.4	.....	\$63,574,674	.....
Cattle.....	212,231	80.7	932,428	13,469,628	\$14.45
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	203,939	77.6	391,536	8,569,538	21.89
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	54,202	20.6	146,354	1,691,238	11.56
Heifers born in 1909.....	84,192	32.0	131,179	873,968	6.66
Calves born after Jan. 1, 1910.....	77,102	29.3	115,487	454,175	3.93
Steers and bulls born in 1909.....	46,810	17.8	75,482	480,461	6.37
Steers and bulls born before Jan. 1, 1909.....	25,383	9.7	65,610	1,826,246	20.21
Unclassified cattle.....	53	(¹)	6,780	74,000	10.91
Horses.....	91,508	34.8	135,636	13,651,284	100.65
Mares, stallions, and geldings born before Jan. 1, 1909.....	90,639	34.5	125,264	13,110,385	104.66
Colts born in 1909.....	6,024	2.3	7,347	425,172	57.87
Colts born after Jan. 1, 1910.....	2,768	1.1	3,025	115,727	38.26
Mules.....	155,673	59.2	247,146	31,577,217	127.77
Mules born before Jan. 1, 1909.....	154,291	58.7	242,285	31,285,915	129.13
Mule colts born in 1909.....	2,780	1.0	3,743	248,218	66.32
Mule colts born after Jan. 1, 1910.....	1,005	0.4	1,118	43,081	38.53
Asses and burros.....	893	0.3	1,372	143,747	113.01
Swine.....	190,251	72.4	1,266,733	4,356,520	3.44
Hogs and pigs born before Jan. 1, 1910.....	176,286	67.1	815,446	3,678,508	4.51
Pigs born after Jan. 1, 1910.....	75,869	28.9	451,287	678,012	1.50
Sheep.....	6,628	2.5	142,930	299,919	2.10
Ewes born before Jan. 1, 1910.....	6,311	2.4	80,276	181,707	2.26
Rams and wethers born before Jan. 1, 1910.....	3,679	1.4	28,836	64,959	2.25
Lambs born after Jan. 1, 1910.....	4,218	1.6	33,818	53,193	1.57
Goats.....	5,667	2.2	79,347	76,361	0.96

¹ Less than one-tenth of 1 per cent.

Sheep and lambs are reported from only 6,628 farms, or 2.5 per cent of all the farms, whereas 8 per cent of all farms reported sheep in 1900. Of the 6,628 farms, 63.6 per cent report spring lambs, the number of the latter being 42.1 per cent of the number of ewes. The average flock in the state, including all classes, is about 22 sheep, and the average number of ewes is about 13 per farm reporting that class.

Of all farms, 72.4 per cent report swine, the average number being about 7 per farm reporting. Only two-

fifths of the farms reporting swine report spring pigs, which is probably accounted for largely by the early date of enumeration. The average value of swine reported as "hogs and pigs born before January 1, 1910," is \$4.51, while that of spring pigs is \$1.50.

Poultry on farms: 1910 and 1900.—The number of fowls on Alabama farms decreased 158,432, or 3.1 per cent, during the last decade, while the value increased 28.2 per cent. All classes of fowls decreased in number, but turkeys, ducks, and geese fell off relatively much more than chickens.

Out of every 100 farms, about 84 report poultry of some kind. The value of chickens represents 86.7 per cent of the value of all fowls. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

The following table gives the numbers of the various kinds of poultry reported in 1910 and 1900, together with their value and the number of farms reporting each kind in 1910:

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	Number of fowls.
	Number.	Percent of all farms.			
Total.....	221,482	84.2	5,028,104	\$1,807,239	5,186,536
Chickens.....	221,103	84.1	4,589,660	1,666,188	4,737,600
Turkeys.....	22,350	8.5	84,487	110,100	129,326
Ducks.....	10,094	3.8	69,227	20,830	75,947
Geese.....	17,992	6.3	142,519	66,806	243,657
Guinea fowls.....	21,622	3.2	118,814	36,025	(¹)
Pigeons.....	1,653	0.6	33,232	6,978	(²)
Peafowls.....	81	(³)	165	312	(³)

¹Included with chickens. ²Not reported. ³Less than one-tenth of 1 per cent.

Bees on farms: 1910 and 1900.—The number of farms reporting bees has decreased from 32,100 in 1900 to 23,911 in 1910, or 25.5 per cent. The number of colonies of bees decreased from 205,369 to 135,140, or 34.2 per cent, and their value decreased from \$287,598 to \$212,921, or 26 per cent. The average value per colony was \$1.58 in 1910, as against \$1.40 in 1900. The average value of bees per farm reporting was \$8.90 in 1910 and \$8.96 in 1900. About nine farms in every hundred report bees.

Domestic animals not on farms: 1910.—Most of the domestic animals not on farms are found in cities, towns, and villages. Statistics for such animals are shown below. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the table below age groups are omitted for the sake of brevity.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	44,219	.....	\$7,483,063	.....
All cattle.....	30,474	75,297	1,730,548	\$22.98
Dairy cows.....	28,528	38,105	1,214,265	31.87
Horses.....	15,452	26,965	3,454,633	128.12
Mules.....	3,972	12,907	2,028,359	157.15
Asses and burros.....	98	141	16,337	116.22
Swine.....	16,087	53,283	240,695	4.52
Sheep.....	98	1,783	4,241	2.38
Goats.....	1,041	4,918	8,200	1.67

Horses are the most important class of domestic animals not on farms when value is considered, but the number of cattle (including dairy cows) and of dairy cows, as well as the number of swine, is greater than the number of horses.

Domestic animals on farms and not on farms: 1910.—The next table gives the total number and value of domestic animals, distinguishing those on farms from those not on farms.

The total value of all domestic animals in the state in 1910 was \$71,058,000, of which the value of animals not on farms constituted 10.5 per cent.

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Num-ber.	Value.	Num-ber.	Value.	Num-ber.	Value.
Total		\$71,057,737		\$63,574,674		\$7,483,063
All cattle.....	1,007,725	15,200,174	932,428	13,469,626	75,297	1,730,548
Dairy cows.....	426,641	9,783,803	391,536	8,569,538	38,105	1,214,265
Horses.....	102,601	17,105,917	135,636	13,651,284	26,965	3,454,633
Mules.....	200,053	33,005,576	247,146	31,577,217	12,907	2,028,359
Asses and burros.....	1,413	160,134	1,272	143,747	141	16,387
Swine.....	1,320,016	4,597,215	1,266,733	4,356,520	53,283	240,695
Sheep.....	144,713	304,160	142,930	299,919	1,783	4,241
Goats.....	84,265	84,561	79,347	76,361	4,918	8,200

LIVE STOCK PRODUCTS.

The returns for live stock products obtained at the census of 1910, like those for crops, relate to the activities of the calendar year 1909. It is impossible to give a total representing the annual production of live stock products for the reason that, as shown elsewhere, the total value of products from the business of raising domestic animals for use, sale, or slaughter can not be calculated from the census returns. Even if this value could be ascertained and were added to the value of the crops the sum would not correctly represent the total value of farm products, because, as already more fully explained, duplication would result from the fact that part of the crops are fed to the live stock.

Dairy products: 1909 and 1899.—The following table shows the principal statistics relative to dairy products in 1909 with certain comparative statistics for 1899:

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Num-ber.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	203,630	77.6	391,536	Head..		
On farms reporting dairy products in 1909.....	164,333	62.5	325,689	Head..		
On farms reporting milk produced in 1909.....	160,194	60.9	314,631	Head..		
Specified dairy products, 1909:						
Milk reported.....			78,728,345	Gals...		
Butter made.....	164,405	62.5	29,550,595	Lbs...	\$5,657,610	\$0.19
Cheese made.....	35	(¹)	5,528	Lbs...	759	0.14
Milk sold.....	4,746	1.8	3,397,426	Gals...	703,788	0.21
Cream sold.....	73	(¹)	28,385	Gals...	28,115	0.99
Butter fat sold.....	115	(¹)	21,744	Lbs...	5,926	0.27
Butter sold.....	29,211	11.1	2,805,021	Lbs...	620,177	0.22
Cheese sold.....	17	(¹)	2,435	Lbs...	498	0.20
Total receipts from sales, 1909.....					1,358,504	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					6,396,198	
Specified dairy products, 1899:						
Butter made.....	120,562	54.0	19,121,964	Lbs...		
Cheese made.....	151	0.1	36,374	Lbs...		
Butter sold.....			2,780,075	Lbs...	515,466	0.19
Cheese sold.....			13,481	Lbs...	931	0.07

¹ Less than one-tenth of 1 per cent.

The number of farms reporting dairy cows on April 15, 1910, was 203,939, but only 164,333 reported dairy products in 1909. That there should be this differ-

ence is not surprising. Doubtless some farmers who had dairy cows in 1910 had none in 1909, while other farmers neglected to give information for the preceding year, or were unable to do so, perhaps because the farm was then in other hands. Dairy products in general are somewhat less accurately reported than the principal crops. This is particularly the case as regards the quantity of milk produced. The number of farms which made any report of milk produced during 1909 was 160,194 (somewhat less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 315,000. The amount of milk reported was 78,728,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 250 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk and cream sold as such and sold on the butter fat basis and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$6,396,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

Only about one-twentieth of the milk reported as produced by Alabama farmers in 1909 was sold as such. The butter made on farms in 1909 was valued at \$5,658,000.

Comparisons are made between 1909 and 1899 for but few of the census items relating to dairy products, for the reason that in 1899 estimates were made for farms with incomplete reports, which was not done at the census of 1910. The figures for milk produced and milk sold are particularly affected, but those for butter and cheese are approximately comparable. The table shows a material increase between 1899 and 1909 in the amount of butter made, and a decided decrease in the production of cheese.

Wool: 1909 and 1899.—The table below gives statistics as to the production of wool on farms, the figures being partly based on estimates:¹

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	6,302	109,112			
Wool produced, as reported, 1909.	3,706		86,373	244,042	\$61,478
On farms reporting sheep April 15, 1910.....	3,542	74,571	82,039	232,289	58,555
On other farms.....	164		4,334	11,753	2,923
Total production of wool (partly estimated):					
1909.....			120,039	339,884	85,677
1899.....			299,118	744,274	180,943
Decrease, 1899 to 1909.....			179,079	404,390	95,266
Per cent of decrease.....			59.9	54.3	43.2

The total number of sheep of shearing age in Alabama on April 15, 1910, was 109,000, representing a decrease of 52.4 per cent as compared with the number on June 1, 1900 (229,000). The approximate production of wool during 1909 was 120,000 fleeces, weighing 340,000 pounds, and valued at \$86,000. Of these totals about one-fourth represents estimates. The number of fleeces produced in 1909 was 59.9 per cent less than in 1899. The average weight per fleece in 1909 was 2.8 pounds, as compared with 2.5 pounds in 1899, and the average value per pound was 25 cents, as compared with 20 cents in 1899.

Goat hair and mohair: 1909.—Although 5,667 farmers reported 79,347 goats and kids on their farms April 15, 1910, only 36 reported the production of goat hair or mohair during 1909. These farmers reported 383 fleeces, weighing 808 pounds, and valued at \$238.

Poultry products: 1909 and 1899.—The next table gives data relative to the production and sale of eggs and poultry.

The total number of fowls on Alabama farms on April 15, 1910, was 5,028,000. Of the 221,482 farms reporting fowls 36,679 did not report any eggs produced in 1909, and 36,593 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 19,626,000 dozens, valued at \$3,321,000. According to the Twelfth Census reports, the production of eggs in 1899 was 18,779,000 dozens, the value being \$1,826,000. The latter figures, however, are somewhat in excess of the

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 2,760 farmers who reported the possession of 34,541 sheep of shearing age on April 15, 1910, without reporting any wool produced in 1909. Probably in a large proportion of cases this failure was due to the fact that they did not have these sheep, or did not occupy the same farm, during the preceding year. The returns of farms reporting wool in 1909, but no sheep of shearing age on April 15, 1910, would partially make up this deficiency, but it is believed that in many cases enumerators, having found that a farm had no sheep in 1910, omitted the inquiry as to wool produced in 1909 and thus missed more or less wool actually produced. It is a fairly safe assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. Statistics for this group of farms are given in the table, and the total wool product, estimated on the basis of the above assumption, is also given.

actual returns at that census, because they include estimates made to cover those cases where the schedules reported fowls on hand without reporting the production of eggs. In order to make the returns for 1909 comparable with those published for 1899 similar estimates have been made, the method of estimate and the justification therefor being substantially the same as in the case of wool. The total production of eggs in 1909, including these estimates, was 22,235,000 dozens, valued at \$3,762,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 12,467,000 fowls, valued at \$3,168,000.

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	221,482	5,028,104		
On farms reporting eggs produced in 1909.....	184,803	4,480,643		
On other farms.....	36,679	538,461		
Eggs produced, as reported, 1909.....	187,680		19,626,126	\$3,321,033
Total production of eggs (partly estimated):				
1909.....			22,234,713	3,762,445
1899.....			18,778,960	1,825,078
Increase, 1899 to 1909.....			3,455,753	1,936,467
Per cent of increase.....			18.4	106.1
Eggs sold, as reported, 1909.....	112,984		7,665,603	1,303,393
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	184,880	4,472,515		
On other farms.....	36,593	555,589		
Poultry raised, as reported, 1909.....	188,416		No. of fowls	2,818,365
Total poultry raised (partly estimated):			11,080,870	
1909.....			12,467,480	3,168,471
1899.....			2,263,346	2,263,346
Increase, 1899 to 1909.....			10,204,134	905,125
Per cent of increase.....			46.0	40.0
Fowls sold, as reported, 1909.....	89,587		2,676,890	715,539

Sale or slaughter of domestic animals on farms: 1909 and 1899.—The following statement presents statistics relating to the sale or slaughter of domestic animals by Alabama farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Per cent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$5,543,718	
Slaughtered.....				7,606,346	
Calves:					
Sold.....	15,349	5.8	30,694	133,203	\$4.34
Slaughtered.....	4,354	1.7	7,872	38,224	4.86
Other cattle:					
Sold.....	48,398	18.4	198,226	2,642,035	13.33
Slaughtered.....	15,800	6.0	42,946	466,918	10.87
Horses:					
Sold.....	5,523	2.1	7,787	605,417	89.30
Mules:					
Sold.....	8,083	3.1	12,661	1,522,101	120.22
Asses and burros:					
Sold.....	78	(¹)	88	7,947	90.31
Swine:					
Sold.....	22,552	8.6	123,078	488,204	3.97
Slaughtered.....	137,036	52.1	581,615	7,072,765	12.16
Sheep:					
Sold.....	1,280	0.5	18,539	44,339	2.39
Slaughtered.....	1,293	0.5	5,251	15,638	2.99
Goats:					
Sold.....	758	0.3	8,022	10,382	1.29
Slaughtered.....	1,365	0.5	8,385	12,751	1.52
1899—All domestic animals:					
Sold.....				1,958,640	
Slaughtered.....				5,189,443	

¹ Less than one-tenth of 1 per cent.

² Schedules called for receipts from sales of animals raised on the farms reporting.

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The total value of domestic animals sold during 1909 was \$5,544,000, and that of animals slaughtered on farms \$7,606,000, making an aggregate of \$13,150,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals purchased by the farmers during the same year.

The value of the cattle (including calves) sold during 1909 represented about one-half of the total value of animals sold, and the value of mules sold represented somewhat more than one-fourth of the total.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the value of those slaughtered during 1899, which amounted, respectively, to \$1,959,000 and \$5,189,000. The item of sales is not closely com-

parable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

Honey and wax: 1909.—Although, as noted elsewhere, 23,911 farms reported 135,140 colonies of bees on hand April 15, 1910, 11,879 of these farms, with 43,702 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 891,954 pounds of honey, valued at \$88,088, and 50,043 pounds of wax, valued at \$11,889; the true totals are doubtless somewhat above these figures.

CROPS.

Summary: 1909 and 1899.—The following table summarizes the census data relative to all of the farm crops of 1909 and 1899. It includes not only general farm crops, but also flowers and plants, nursery products, and forest products of farms. In comparing one year with the other it should be borne in mind that acreage is on the whole a better index of

the general changes or tendencies of agriculture than either the quantity or the value of the crops, since variations in quantity may be due largely to temporarily favorable or unfavorable climatic conditions, and variations in the value of the crops are largely affected by changes in prices. (See also discussion of "Total value of farm products.")

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.						
	1909	1899	Increase. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.		
			Amount.	Per cent.					Amount.	Per cent.	1909	1899	
All crops.....								\$144,287,347	\$78,190,720	\$71,096,627	97.1	100.0	100.0
Crops with acreage reports.....	7,205,239	6,714,786	490,453	7.3	74.3	77.6	135,942,678	70,119,139	65,823,549	93.9	94.2	95.8	
Cereals.....	2,844,824	3,088,454	-243,630	-7.9	29.3	35.7	30,927,210	18,424,318	12,502,892	67.9	21.4	25.2	
Other grains and seeds.....	190,884	171,770	19,114	11.1	2.0	2.0	2,216,944	1,135,527	1,081,417	95.2	1.5	1.6	
Hay and forage.....	238,056	85,353	153,303	179.6	2.5	1.0	3,357,132	1,707,638	1,649,494	96.6	2.3	2.3	
Tobacco.....	211	1,141	-930	-81.5	(²)	(²)	14,892	55,581	-40,689	-73.2	(²)	0.1	
Cotton (including cotton seed).....	3,780,482	3,202,135	578,347	16.5	38.5	37.0	37,008,432	42,069,677	44,938,755	106.8	60.3	57.5	
Sugar crops.....	45,048	47,702	-2,654	-5.6	0.5	0.6	1,977,824	1,840,356	137,468	7.5	1.4	2.5	
Sundry minor crops.....	130	187	-51	-27.3	(²)	(²)	4,778	2,020	2,158	82.4	(²)	(²)	
Potatoes and sweet potatoes and yams....	81,099	60,370	20,729	34.3	0.8	0.7	4,463,207	2,011,667	2,451,540	121.9	3.1	2.7	
Other vegetables.....	69,468	55,822	13,646	24.4	0.7	0.6	5,379,577	2,642,566	2,737,011	103.6	3.7	3.6	
Flowers and plants and nursery products.	3,199	1,091	2,108	193.2	(²)	(²)	427,296	175,082	252,214	144.1	0.3	0.2	
Small fruits.....	1,232	761	471	61.9	(²)	(²)	165,386	54,097	111,289	205.7	0.1	0.1	
Crops with no acreage reports.....							8,344,669	3,071,591	5,273,078	171.7	5.8	4.2	
Seeds.....							1,350	2,537	-1,187	-46.8	(²)	(²)	
Fruits and nuts.....							2,024,001	573,763	1,450,238	252.8	1.4	0.8	
Forest products of farms.....							6,308,151	2,494,452	3,813,699	152.9	4.4	3.4	
Miscellaneous.....							11,187	839	10,328	1,231.0	(²)	(²)	

¹ A minus sign (-) denotes decrease.

² Less than one-tenth of 1 per cent.

³ Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$144,287,000. Of this amount, 94.2 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which acreage was reported was 7,205,239, representing 74.3 per cent of the total improved land in farms (9,693,581 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage for which was not reported.

The general character of Alabama agriculture is

indicated by the fact that about three-fifths (60.3 per cent) of the total value of crops in 1909 was contributed by cotton, while somewhat more than one-fifth (21.4 per cent) was contributed by the cereals. The remainder, representing 18.3 per cent of the total, consisted mostly of potatoes and other vegetables, forest products, and hay and forage.

The value of crops in 1909 was 97.1 per cent greater than in 1899, this increase being no doubt due in part to higher prices. There was an increase of 7.3 per cent in the total acreage of crops for which acreage was reported; the principal absolute increases were those in the acreage of cotton and of hay and forage, and the principal absolute decrease was that in the acreage of cereals.

General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.—The following table presents statistics for 1909 regarding cereals, other grains and seeds, hay and forage, potatoes, tobacco, cotton, and sundry minor crops:

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total.....		2,844,824	34,072,032	Bu...	\$30,927,210
Corn.....	229,113	2,572,908	30,695,737	Bu...	28,677,032
Oats.....	51,857	257,276	3,251,146	Bu...	2,117,703
Wheat (common winter and spring).....	2,463	13,665	113,953	Bu...	120,873
Barley.....	14	41	372	Bu...	336
Buckwheat.....	13	18	202	Bu...	162
Rye.....	207	437	3,730	Bu...	4,314
Kafir corn and milo maize.....	51	140	1,716	Bu...	1,611
Rough rice.....	238	279	5,170	Bu...	5,179
Other grains and seeds with acreage report, total¹.....		190,884	2,043,082	Bu...	2,216,944
Dry edible beans.....	647	21,557	15,212	Bu...	19,837
Velvet beans.....	594	3,638	34,398	Bu...	44,899
Dry peas.....	26,905	285,034	418,007	Bu...	600,270
Peanuts.....	37,702	100,609	1,573,796	Bu...	1,490,654
Sorghum cane seed.....	10	15	1,440	Bu...	720
Seeds with no acreage report, total.....					1,350
Timothy seed.....	2	(3)	36	Bu...	80
Clover seed.....	1	(3)	50	Bu...	400
Millet seed.....	4	(3)	168	Bu...	138
Other tame grass seed.....	11	(3)	283	Bu...	492
Flower and garden seeds.....	3	(3)			240
Hay and forage, total.....	44,243	238,656	251,403	Tons.	3,357,132
Timothy alone.....	531	3,979	4,666	Tons.	60,015
Timothy and clover mixed.....	486	3,706	4,160	Tons.	65,883
Alfalfa.....	1,161	7,377	7,544	Tons.	118,256
Millet or Hungarian grass.....	416	6,987	8,906	Tons.	137,970
Other tame or cultivated grasses.....	4,241	13,288	15,228	Tons.	208,685
Wild, salt, or prairie grasses.....	14,097	85,806	92,968	Tons.	1,127,140
Grains cut green.....	6,897	27,863	30,079	Tons.	356,222
Coarse forage.....	15,955	71,116	66,946	Tons.	1,033,215
Potatoes.....	5,853	18,544	20,937	Tons.	249,745
Potatoes.....	37,374	14,488	1,128,564	Bu...	884,497
Sweet potatoes and yams.....	117,522	66,613	5,314,857	Bu...	3,578,710
Tobacco.....	1,267	211	90,572	Lbs..	14,892
Cotton.....	224,871	3,730,482	1,129,527	Bales	74,205,236
Cottonseed (estimated).....			564,764	Tons.	12,803,195
Sundry minor crops, total ⁴		136			4,778
Broom corn.....	115	52	17,910	Lbs..	1,562
Chufas.....	30	82	782	Bu...	3,106

¹ Includes small amounts of soy beans and sunflower seed.
² A considerable amount of this acreage is probably a duplication of other crop acreage.
³ The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers and plants, etc.
⁴ Includes small amounts of hops and ginseng.

The leading crops covered by the table, in the order of their importance as judged by value, are cotton, \$74,205,000; corn, \$28,677,000; cotton seed (estimated), \$12,803,000; sweet potatoes and yams, \$3,579,000; hay and forage, \$3,357,000; and oats, \$2,118,000. It will be noted, however, that the value of vegetables (other than potatoes and sweet potatoes and yams), which appears in another table, is greater than that of sweet potatoes and yams, of hay and forage, or of oats.

The value of cotton is over twice as great as the aggregate value of all other crops covered by the preceding table.

The total acreage of the combined cereals is slightly more than three-fourths as great as that of cotton, and their value about two-fifths as great. The leading cereal is corn, constituting about nine-tenths of the acreage and value of the combined cereals. Of the remaining cereals only oats are worthy of mention.

Among the hay and forage crops "other tame or cultivated grasses," "grains cut green," and "wild, salt, or prairie grasses" rank in the order named in

both acreage and value. These three classes combined make up about three-fourths of the entire crop.

The fluctuations in the acreages of some of the principal crops during the past 30 years are shown in the following table:

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Peanuts.	Hay and forage.	Sweet potatoes and yams.	Cotton.
1909.....	2,572,968	257,276	100,609	238,656	66,613	3,730,482
1899.....	2,743,360	216,873	78,878	85,353	50,615	3,262,135
1889.....	2,127,302	344,788	23,955	39,993	56,059	2,761,165
1879.....	2,055,929	324,628	(1)	12,916	43,256	2,330,086

¹ Not reported.

Throughout the period cotton shows a constant and uniform increase in acreage. Corn shows a substantial increase in acreage for the 20 years, 1879-1899, but a decrease during the last decade. Oats show a slight increase during the first decade, a large decrease during the second, and a considerable gain during the last. Hay and forage, from a small acreage in 1879, has risen rapidly, especially since 1899. The acreage of peanuts has increased considerably more than threefold during the last two decades. Sweet potatoes and yams increased in acreage somewhat in the first decade, fell off slightly during the second, and increased again during the last.

The following table shows for 1909 and 1899 the percentage which the farms reporting specified crops represented of all farms, the percentage of improved land devoted to these crops, and the percentage of increase or decrease in the acreage of each crop during the decade, together with the average yields and average values per acre for 1909:

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Percent of increase in acres, 1899 to 1909. ¹	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899		1909	1909
	Corn.....	87.1	92.0	26.5		31.7	-6.2	11.9 Bu.	$11.15
Oats.....	19.7	17.3	2.7	2.5	18.6	12.6 Bu.	8.23
Peanuts.....	14.3	10.6	1.0	0.9	27.6	15.6 Bu.	14.82
Hay and forage.....	16.8	30.8	2.5	1.0	179.6	1.05 Tons.	14.07
Sweet potatoes and yams.....	44.7	39.0	0.7	0.6	31.0	79.8 Bu.	53.72
Cotton.....	85.5	86.2	38.5	37.0	16.5	0.30 Bale.	19.89

¹ A minus sign (-) denotes decrease.

Out of every 100 farms, corn is reported by 87, cotton by 86, sweet potatoes and yams by 45, oats by 20, hay and forage by 17, and peanuts by 14. The percentages for corn, cotton, and hay and forage show a decrease, and those for sweet potatoes and yams, oats, and peanuts an increase, as compared with the percentages in 1899. The marked decrease in the percentage of farms reporting hay and forage is more apparent than real, and is due to the omission of "cornstalks" at the census of 1910.

The six crops included in the above table cover about 72 per cent of the improved land of the state, compared with 74 per cent in 1899. This is an ex-

tremely high proportion of the improved land to be occupied by six crops, and it is exceeded in the South only by that of South Carolina. Of the crops here reported, corn is the only one to show a decrease in the proportion of improved land occupied.

The average value per acre of the combined cereals is \$10.87. Of the important cereals, corn is above this average and oats below it. The average value per acre of hay and forage is greater by \$3.20 than that of the combined cereals, while that of cotton is almost twice as great, and that of sweet potatoes and yams nearly five times as great.

Although every county reports cotton to some extent, there is a concentration of its acreage in the counties located about the middle of the southern half of the state. Six of these counties, Montgomery, Dallas, Lowndes, Marengo, Wilcox, and Bullock, together report more than one-fifth of the total acreage. Montgomery County leads with about 157,000 acres, while Dallas County stands second with about 153,000 acres. The only counties in which the acreage of cotton decreased from 1899 to 1909 are Walker, Jefferson, St. Clair, Pickens, Sumter, Greene, Hale, Dallas, and Lowndes. The greatest absolute increase is recorded for Coffee County; the greatest absolute loss for Sumter County.

In acreage corn is quite evenly distributed throughout the state. About one-third of the counties report increases. Most of these are in either the extreme north or the extreme south of the state, but Clay, Randolph, Chilton, Autauga, and Elmore Counties also show increases. The largest absolute increase is reported for Coffee County; the largest absolute decrease for Sumter County. Sweet potatoes and yams are reported generally throughout the state. Although the majority of the counties with a large acreage of this crop are found in the southern half of the state, Jefferson County, in the north central part, reports the greatest acreage, Montgomery County standing second. In the acreage of hay and forage but 1 county, Russell, in the southeastern portion of the state, shows a decrease. As a rule, the principal acreages are found in the northern and central parts of the state, Madison County reporting the largest acreage. In the acreage of oats about two-thirds of the counties show increases. These increases are found mainly in the northern quarter, and in the southern and southeastern portions of the state. The largest absolute gain is recorded for Montgomery County; the largest absolute loss for Jefferson County. About four-fifths of the peanut acreage is reported by a compact group of 10 counties in the southeastern corner of the state, Houston, Geneva, Covington, Dale, Coffee, Pike, Crenshaw, Henry, Barbour, and Conecuh.

Vegetables, flowers and plants, and nursery products: 1909 and 1899.—The table which follows shows details with regard to vegetables (not including potatoes and sweet potatoes and yams, which appear else-

where), and also with regard to flowers and plants and nursery products:

CROP.	FARMS REPORTING, 1909		ACRES.		VALUE OF PRODUCTS.	
	Number.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	181,105	68.9	69,468	55,822	\$5,379,577	\$2,642,566
Farms reporting a product of \$500 or over.....	321	0.1	3,846	.....	420,322	.....
All other farms.....	180,784	68.8	65,622	.....	4,959,255	.....
Flowers and plants, total.....	56	(²)	120	53	168,239	43,950
Farms reporting a product of \$250 or over.....	31	(²)	.....	.....	167,399	.....
All other farms.....	25	(²)	.....	.....	840	.....
Nursery products, total.....	62	(²)	3,079	1,038	259,057	131,132
Farms reporting a product of \$250 or over.....	25	(²)	.....	.....	256,233	.....
All other farms.....	37	(²)	.....	.....	2,824	.....

¹ Does not include 27,607 farms which reported that they had vegetable gardens, but gave no information as to their products.

² Less than one-tenth of 1 per cent.

In 1909 the total acreage of potatoes and other vegetables was 150,567 and their value \$9,842,784. Excluding (so far as separately reported ¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 69,468 and their value \$5,380,000, both acreage and value being decidedly greater than in 1899.

The raising of flowers and plants and of nursery products was also of some importance in Alabama, 3,199 acres being devoted to them in 1909, and the output being valued at \$427,296. Most of the product was raised on farms where these branches of agriculture were carried on as an important business.

Small fruits: 1909 and 1899.—The following table shows data with regard to small fruits on farms:

CROP.	Number of farms reporting, 1909	ACRES.		Quantity (quarts), 1909	Value, 1909
		1909	1899		
Small fruits, total.....		1,232	761	1,907,193	\$165,386
Strawberries.....	1,958	1,167	607	1,848,537	100,026
Blackberries and dewberries.....	632	53	104	44,954	3,726
Raspberries and loganberries.....	169	11	13	10,546	1,380
Currants.....	15	(¹)	2	548	64
Gooseberries.....	40	1	2	2,452	177
Cranberries.....	1	(²)	.....	96	10
Other berries.....	1	(²)	33	60	3

¹ Reported in small fractions.

² Less than 1 acre.

Strawberries are by far the most important of the small fruits raised in Alabama. The total acreage of small fruits in 1909 was 1,232 and in 1899, 761, an increase of 61.9 per cent. The production in 1909 was 1,907,000 quarts, as compared with 954,000 quarts in 1899, and the value was \$165,386 in 1909, as compared with \$54,097 in 1899.

¹ It is probable that some of the potatoes and sweet potatoes and yams raised in farm gardens were not reported separately by farmers, but were included in their returns for vegetables.

Orchard fruits, grapes, nuts, and tropical fruits: 1909 and 1899.—The following table presents data with regard to orchard fruits, grapes, nuts, and tropical fruits. The acreage devoted to these products was not ascertained. In comparing one year with the other the number of trees or vines of bearing age is on the whole a better index of the general changes or tendencies than the quantity of product, but the data for the censuses of 1910 and 1900 are not closely comparable, and the product is therefore compared, although variations may be due largely to temporarily favorable or unfavorable climatic conditions.

CROP.	TREES OR VINES OF BEARING AGE, 1910		TREES OR VINES NOT OF BEARING AGE, 1910		PRODUCT.		
	Farms reporting.	Number.	Farms reporting.	Number.	1909		1899
					Quantity.	Value.	Quantity.
Orchard fruits, total	5,039,618	1,759,888	2,475,540	\$1,818,508	1,947,736		
Apples.....	65,379	1,468,436	40,979	737,689	1,247,540	\$1,818,508	1,947,736
Peaches and nectarines.....	80,762	3,177,331	34,451	838,866	1,416,584	1,055,971	184,543
Pears.....	24,288	142,300	16,534	99,170	100,041	86,866	22,656
Plums and prunes.....	12,289	211,991	5,326	51,979	61,712	45,039	11,876
Cherries.....	6,387	25,566	3,841	16,673	3,588	4,783	1,159
Apricots.....	1,162	2,342	1,094	2,494	952	950	115
Quinces.....	2,808	9,667	2,038	12,130	2,740	2,944	(?)
Mulberries.....	253	1,985	68	887	1,527	1,210	(?)
Unclassified.....							8,212
Grapes.....	14,863	287,431	5,482	77,105	1,723,490	81,386	4,257,600
Nuts, total	51,585	132,852	439,382	37,986	193,570		
Persian or English walnuts.....	983	3,022	1,164	4,180	43,673	3,557	1,710
Almonds.....	18	51	69	580	484	51	40
Pecans.....	2,956	44,633	5,834	125,734	228,341	30,540	60,670
Black walnuts.....	1,025	3,228	667	1,753	157,245	3,477	(?)
Unclassified.....							131,150
Tropical fruits, total	59,119	56,635	86,121		86,121		
Figs.....	15,219	52,731	4,365	33,893	1,773,126	80,960	140,970
Pomegranates.....	240	1,672	71	3,552	19,090	617	(?)
Oranges.....	152	2,599	408	17,386	71,201	3,663	72
Pomeles (grapefruit).....	66	303	87	401	7290	359	
Unclassified.....							161,870

¹ Bushels.
² Included with "unclassified."
³ Consists of products not separately named by the enumerator, but grouped under the designation "all other."
⁴ Pounds.
⁵ Includes Japanese chestnuts, Japanese walnuts, butternuts, Japan nuts, filberts, chestnuts, hickory nuts, nutmegs, and chinquapins.
⁶ Includes olives, kumquats, bananas, Japanese persimmons, and lemons.
⁷ Boxes.

The total quantity of orchard fruits produced in 1909 was 2,476,000 bushels, valued at \$1,819,000. Peaches and nectarines contributed considerably more than one-half of this quantity; apples and pears most of the remainder. The production of grapes in 1909 amounted to 1,723,490 pounds, valued at \$81,386; that of nuts to 439,382 pounds, valued at \$37,986; while the tropical fruits produced in 1909 were valued at \$86,121.

The production of all orchard fruits together in 1909 was 161.2 per cent more in quantity than that in 1899, while the production of grapes decreased decidedly. The value of orchard fruits increased from \$477,000 in 1899 to \$1,819,000 in 1909, while that of grapes decreased from \$84,861 in 1899 to

\$81,386 in 1909. It should be noted that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may therefore involve some duplication, while the values shown for 1909 relate only to the products in their original condition.

The following table shows the quantities of the more advanced products manufactured by farmers from orchard fruits and grapes. Values were not called for on the schedule.

PRODUCT.	FARMS REPORTING, 1909		QUANTITY PRODUCED.		
	Number.	Percent of all farms.	Unit.	1909	1899
Cider.....	569	0.2	Gals....	12,557	32,550
Vinegar.....	2,687	1.0	Gals....	18,217	21,098
Wine and grape juice.....	839	0.3	Gals....	12,820	32,666
Dried fruits.....	4,955	1.9	Lbs....	291,797	61,170

Sugar crops: 1909 and 1899.—The table below shows data with regard to sugar beets, sorghum cane, and sugar cane. The total value of sugar cane products in 1909 was \$1,527,000, as compared with \$1,469,000 in 1899, and the total value of sorghum cane and sirup produced in 1909 was \$450,000, as compared with \$371,000 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Percent of all farms.		Amount.	Unit.	Value.
Sugar beets, 1909¹	12	(?)	18	43	Tons..	\$365
Sorghum cane:						
Total, 1909 ²						450,263
Cane grown.....	24,545	9.3	17,819	72,388	Tons..	
Sirup made.....	23,031	8.8		809,361	Gals..	308,934
Total, 1899						371,356
Cane grown.....	27,150	12.2	14,831	93,299	Tons..	
Cane sold as such.....				3,145	Tons..	8,959
Sirup made.....				1,168,868	Gals..	362,367
Sugar cane:						1,527,166
Total, 1909.....						
Cane grown.....	61,226	23.3	27,211	226,634	Tons..	
Cane sold as such.....	360	0.1		3,298	Tons..	7,413
Sirup made.....	4	(?)		3,351	Lbs....	165
Sirup made.....	60,926	23.2		3,078,531	Gals..	1,519,583
Molasses made.....	4	(?)		50	Gals..	5
Total, 1899⁴						1,469,000
Cane grown.....	44,639	20.0	32,571	267,557	Tons..	
Cane sold as such.....	760	0.3		2,751	Tons..	10,513
Sirup made.....	97	(?)		13,765	Lbs....	612
Sirup made.....	43,982	19.7		2,672,438	Gals..	1,003,211

¹ Used as root forage. ² Includes cane used as coarse forage.
³ Less than one-tenth of 1 per cent. ⁴ Includes cane reserved for seed.

Forest products: 1909 and 1899.—The census schedules for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910;" and also, in a separate item, for the "amount received from sale of standing timber in 1909." There were 107,985 farms in Alabama (41.1 per cent of all farms in the state) which reported forest products in 1909,

the total value of such products being \$6,308,151, as compared with \$2,494,452 in 1899, an increase of 152.9 per cent. Of the value in 1909, \$3,827,481 was reported as that of products used or to be used on the farms themselves, \$1,899,341 as that of products sold or for sale, and \$581,329 as the amount received for standing timber. It should be noted that forest products not produced on farms are not included in this report.

Miscellaneous crops: 1909.—Straw and cornstalks derived as by-products from the production of grain

and corn have a considerable value for feed and other purposes. They are, however, mainly consumed on the farms producing them. The Census Bureau made no attempt to ascertain the total quantity or value of these products, but the schedules called for the quantity and value of those sold during the year 1909. The returns show that 31 farmers in Alabama sold, during 1909, 213 tons of straw, for which they received \$1,318, and that 914 farmers sold 790 tons of cornstalks and leaves, for which they received \$9,849.

SELECTED FARM EXPENSES AND RECEIPTS.

Farm expenses: 1909 and 1899.—The next table shows the number of farms reporting expenditures for labor, feed, and fertilizer at the census of 1910, as well as the sums expended in 1909 and 1899:

EXPENSE.	1909		Amount.	1899	INCREASE.		
	Farms reporting.				Amount.	Amount.	Per cent.
	Number.	Per cent of all farms.					
Labor.....	83,643	31.8	\$7,454,748	\$4,314,460	\$3,140,288	72.8	
Feed.....	81,276	30.9	4,041,480	(¹)			
Fertilizer.....	163,241	62.1	7,690,952	2,599,290	5,091,662	193.6	

¹ Not reported at the census of 1900.

Of the farmers in Alabama nearly one-third (31.8 per cent) hire labor, and the total expenditure is \$7,455,000, or an average of \$89.13 per farmer hiring. Of the total amount reported as expended, \$1,422,000, or about one-fifth, is in the form of rent and board. During the decade 1899-1909 the total expenditure for labor increased by \$3,140,000, or 72.8 per cent. For no census prior to 1910 were reports secured of the value of rent and board furnished, or tabulation made of the number of farmers reporting expenditures for labor.

More than three-fifths (62.1 per cent) of all the farmers report the purchase of fertilizer. The total amount, \$7,631,000, reported as paid for fertilizer

shows an increase of \$5,032,000, or 193.6 per cent, since 1899, and in 1909 averaged \$46.75 per farm reporting. No tabulation was made of the number of farmers reporting expenditures for fertilizer at prior censuses. The expenditure for feed amounted to \$4,041,000 in 1909, and averaged \$49.73 per farm reporting. Nearly one-third (30.9 per cent) of all farmers report the purchase of feed.

Receipts from sale of feedable crops: 1909.—An effort was made at the census of 1910 to secure as complete a statement as possible of the sales as well as of the production of the more important feedable crops (that is, crops ordinarily fed to live stock). The following table summarizes the data reported:

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Per cent of all farms.	Amount.	Unit.	
Total.....					\$1,744,722
Corn.....	25,165	9.6	1,523,967	Bu.....	1,374,036
Oats.....	2,044	0.8	134,283	Bu.....	94,672
Barley.....	2	(¹)	60	Bu.....	32
Hay and coarse forage.....	3,307	1.3	21,447	Tons...	275,942

¹ Less than one-tenth of 1 per cent.

While the total amount expended by Alabama farmers for the purchase of feed in 1909 was \$4,041,000, the total receipts from the sale of feed by those reporting sales amounted to \$1,745,000.

COUNTY TABLES.

Tables 1 to 6, which follow, present by counties the more important agricultural data collected at the Thirteenth Census, 1910.

Table 1 shows the population, number of farms, land and farm area, value of farm property, and number and value of domestic animals and of poultry and bees, as of April 15, 1910. Comparative data for June 1, 1900, are given in italics for certain items.

Table 2 gives the number of farms, the farm acreage, and the value of farm property operated by owners, or tenants, and managers, collected as of April 15, 1910. Statistics of farm mortgages are included in this table. (See explanation in text.) Comparative data for June 1, 1900, are given in italics for certain items.

Table 3 gives statistics pertaining to the products or live stock on farms (dairy products, poultry and eggs, honey and wax, and wool and mohair); also the number and value of domestic animals sold or slaughtered on farms for the year 1909.

Table 4 shows the total value of farm crops and the principal classes thereof, together with the acreage (or trees of bearing age) and production of the principal crops for the year 1909.

Table 5 gives statistics relating to selected farm expenses for 1909 and also shows the receipts from the sale of feedable crops.

Table 6 shows the number and value of domestic animals in barns and inclosures not on farms, by classes, together with the number of dairy cows and mature horses and mules, on April 15, 1910.

Change of boundaries.—In comparing the data secured in 1910 with that of 1900, the following changes in county boundaries should be considered: A part of Blount County was annexed to Cullman County in 1901; a part of Cleburne County was annexed to Calhoun County in 1907; and Houston County was organized from portions of Dale, Geneva, and Henry Counties in 1903.

AGRICULTURE—ALABAMA.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	Conecuh.	Coosa.	Covington.	Crenshaw.	Cullman. ¹	Dale. ¹	Dallas.	DeKalb.
1 Population.....	21,483	16,684	32,124	23,313	28,321	21,608	53,401	28,261
2 Population in 1900.....	<i>17,514</i>	<i>16,144</i>	<i>16,340</i>	<i>19,668</i>	<i>17,849</i>	<i>21,189</i>	<i>54,657</i>	<i>23,558</i>
3 Number of all farms.....	3,527	2,858	3,333	3,770	4,528	3,428	8,182	4,932
4 Number of all farms in 1900.....	<i>2,457</i>	<i>2,595</i>	<i>1,941</i>	<i>2,072</i>	<i>2,998</i>	<i>3,098</i>	<i>7,141</i>	<i>4,004</i>
Color and nativity of farmers:								
5 Native white.....	1,954	1,880	2,895	2,763	4,266	2,644	759	4,844
6 Foreign-born white.....	5		3	1	214		4	15
7 Negro and other nonwhite.....	1,568	978	435	1,006	48	784	7,419	78
Number of farms, classified by size:								
8 Under 3 acres.....	2	1			1	1	1	
9 3 to 9 acres.....	282	66	70	90	104	67	1,236	107
10 10 to 19 acres.....	397	292	135	192	410	131	1,288	507
11 20 to 49 acres.....	1,481	821	1,260	1,623	1,551	1,390	3,980	1,751
12 50 to 99 acres.....	699	650	812	901	1,381	1,069	1,069	1,449
13 100 to 174 acres.....	373	649	695	587	799	681	324	793
14 175 to 259 acres.....	149	207	210	203	226	256	104	211
15 260 to 499 acres.....	97	141	119	148	99	164	109	99
16 500 to 999 acres.....	32	30	22	22	7	26	37	12
17 1,000 acres and over.....	15	1	10	4		4	24	3
LAND AND FARM AREA								
18 Approximate land area..... acres.....	543,360	419,200	666,880	395,520	488,320	360,320	612,480	503,040
19 Land in farms..... acres.....	269,779	272,964	315,240	309,836	343,008	314,874	362,745	363,521
20 Land in farms in 1900..... acres.....	<i>270,515</i>	<i>298,145</i>	<i>300,001</i>	<i>288,354</i>	<i>299,794</i>	<i>337,276</i>	<i>455,559</i>	<i>340,884</i>
21 Improved land in farms..... acres.....	104,645	108,388	119,812	149,297	142,888	159,282	250,580	151,633
22 Improved land in farms in 1900..... acres.....	<i>89,098</i>	<i>96,176</i>	<i>67,773</i>	<i>131,113</i>	<i>94,116</i>	<i>148,763</i>	<i>290,269</i>	<i>186,608</i>
23 Woodland in farms..... acres.....	153,127	132,431	191,808	113,319	165,081	126,214	83,672	203,977
24 Other unimproved land in farms..... acres.....	12,007	32,145	3,620	47,220	5,039	29,378	22,487	7,911
25 Per cent of land area in farms.....	49.6	65.1	47.3	78.3	70.2	87.4	59.2	72.3
26 Per cent of farm land improved.....	38.8	39.7	38.0	48.2	41.7	50.6	70.7	41.7
27 Average acres per farm.....	76.5	95.5	94.6	82.2	75.8	91.9	44.3	73.7
28 Average improved acres per farm.....	29.7	37.9	35.9	39.6	31.6	46.5	31.4	30.7
VALUE OF FARM PROPERTY								
29 All farm property..... dollars.....	5,278,417	3,068,752	5,503,568	5,106,435	6,170,474	4,567,858	8,154,108	6,297,637
30 All farm property in 1900..... dollars.....	<i>1,798,580</i>	<i>1,708,125</i>	<i>1,387,464</i>	<i>1,794,610</i>	<i>2,312,301</i>	<i>2,196,191</i>	<i>5,033,910</i>	<i>2,806,534</i>
31 Per cent increase, 1900-1910.....	193.5	79.7	296.7	187.9			62.0	124.4
32 Land..... dollars.....	3,128,667	1,551,260	3,263,394	3,006,570	3,406,536	2,096,950	4,438,446	3,536,300
33 Land in 1900..... dollars.....	<i>294,290</i>	<i>287,300</i>	<i>622,050</i>	<i>943,583</i>	<i>1,139,370</i>	<i>1,132,100</i>	<i>2,942,690</i>	<i>1,445,550</i>
34 Buildings..... dollars.....	1,052,249	685,530	1,057,755	1,081,433	1,284,720	907,680	1,548,235	1,310,034
35 Buildings in 1900..... dollars.....	<i>436,670</i>	<i>362,760</i>	<i>370,150</i>	<i>347,025</i>	<i>671,910</i>	<i>456,471</i>	<i>842,727</i>	<i>595,600</i>
36 Implements and machinery..... dollars.....	235,457	176,488	219,106	209,808	334,755	202,394	407,468	315,043
37 Implements, etc., in 1900..... dollars.....	<i>106,750</i>	<i>96,850</i>	<i>67,620</i>	<i>93,580</i>	<i>122,180</i>	<i>136,100</i>	<i>241,110</i>	<i>159,330</i>
38 Domestic animals, poultry, and bees..... dollars.....	862,044	655,418	963,313	868,024	1,054,454	760,834	1,759,058	1,136,260
39 Domestic animals, etc., in 1900..... dollars.....	<i>860,870</i>	<i>391,225</i>	<i>536,724</i>	<i>407,632</i>	<i>431,841</i>	<i>471,620</i>	<i>1,007,427</i>	<i>699,024</i>
Per cent of value of all property in—								
40 Land.....	59.3	50.5	59.3	58.2	56.7	59.0	54.4	56.2
41 Buildings.....	19.9	22.3	19.2	20.9	20.8	19.9	19.0	20.8
42 Implements and machinery.....	4.5	5.8	4.0	4.1	5.4	4.4	5.0	5.0
43 Domestic animals, poultry, and bees.....	16.3	21.4	17.5	16.8	17.1	16.7	21.6	18.0
Average values:								
44 All property per farm..... dollars.....	1,497	1,074	1,651	1,370	1,363	1,333	997	1,277
45 Land and buildings per farm..... dollars.....	1,185	783	1,296	1,084	1,056	1,052	732	983
46 Land per acre..... dollars.....	11.00	5.68	10.35	9.70	10.19	8.57	12.24	9.73
47 Land per acre in 1900..... dollars.....	<i>3.31</i>	<i>2.86</i>	<i>2.63</i>	<i>5.27</i>	<i>4.59</i>	<i>3.86</i>	<i>6.48</i>	<i>4.24</i>
DOMESTIC ANIMALS (farms and ranges)								
48 Farms reporting domestic animals.....	3,324	2,730	3,249	3,592	4,332	3,279	7,292	4,760
49 Value of domestic animals..... dollars.....	835,957	633,163	933,428	840,062	1,009,345	734,646	1,711,918	1,004,209
Cattle:								
50 Total number.....	14,873	9,272	15,526	10,033	12,491	7,492	24,684	14,805
51 Dairy cows.....	5,442	4,196	5,411	4,294	5,888	3,371	10,953	6,547
52 Other cows.....	2,971	1,349	2,773	1,414	1,559	1,390	3,373	1,799
53 Yearling heifers.....	2,066	1,525	2,130	1,731	1,818	1,074	4,486	1,741
54 Calves.....	1,779	1,909	2,515	899	1,744	616	2,300	2,331
55 Yearling steers and bulls.....	1,132	858	1,409	1,041	974	674	2,146	1,195
56 Other steers and bulls.....	1,483	337	1,288	654	508	367	1,306	1,192
57 Value..... dollars.....	191,001	134,692	207,366	140,642	201,096	102,061	236,181	222,031
Horses:								
58 Total number.....	1,707	1,199	937	1,009	2,108	443	3,629	2,771
59 Mature horses.....	1,672	1,128	918	979	1,998	432	3,330	2,530
60 Yearling colts.....	26	51	14	21	65	9	242	149
61 Spring colts.....	9	9	5	9	45	2	57	62
62 Value..... dollars.....	177,153	127,344	99,646	98,130	208,453	47,438	402,044	288,323
Mules:								
63 Total number.....	2,575	2,613	3,467	3,845	4,167	3,562	6,510	4,174
64 Mature mules.....	2,552	2,568	3,461	3,839	4,099	3,560	6,461	4,038
65 Yearling colts.....	19	35	4	6	54	2	43	100
66 Spring colts.....	4	10	2	14	14		6	36
67 Value..... dollars.....	382,483	337,841	504,680	518,333	548,836	483,525	824,987	510,794
Asses and burros:								
68 Number.....	9	6	3	2	13	2	11	49
69 Value..... dollars.....	1,155	900	700	135	1,035	150	1,370	4,765
Swine:								
70 Total number.....	31,301	5,844	41,621	24,493	9,097	32,828	34,184	14,192
71 Mature hogs.....	10,493	3,968	24,602	13,781	6,438	21,803	18,460	11,362
72 Spring pigs.....	11,808	1,876	17,019	10,712	2,659	11,025	15,724	2,830
73 Value..... dollars.....	77,329	31,655	108,522	82,614	47,225	101,183	115,320	59,986
Sheep:								
74 Total number.....	3,172	326	6,155	56	1,423	155	585	4,614
75 Rams, ewes, and wethers.....	2,567	222	5,021	48	1,037	109	424	3,306
76 Spring lambs.....	605	104	1,134	8	386	46	161	1,308
77 Value..... dollars.....	5,779	505	11,747	86	2,451	234	1,409	7,331
Goats:								
78 Number.....	1,723	252	785	150	234	100	1,352	844
79 Value..... dollars.....	1,057	226	467	122	199	55	1,607	979
POULTRY AND BEES								
80 Number of poultry of all kinds.....	63,710	53,797	76,438	74,350	101,353	70,754	116,366	107,365
81 Value..... dollars.....	22,832	18,991	24,929	25,480	41,027	24,313	44,479	38,796
82 Number of colonies of bees.....	2,840	2,494	3,556	2,947	2,060	2,032	1,506	1,860
83 Value..... dollars.....	3,255	3,264	4,956	3,082	4,082	1,875	3,561	3,255

¹ Change of boundary. (See explanation at close of text.)

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

Table with 10 columns (Lauderdale, Lawrence, Lee, Limestone, Lowndes, Macon, Madison, Marengo) and rows for various agricultural and property metrics including population, farms, farm area, and domestic animals.

1 Includes animals, age or sex not specified.

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in italics.]

		THE STATE.			Autauga.	Baldwin.	Barbour.	Bibb.	Blount. ¹
		Total.	White.	Colored.					
FARMS OPERATED BY OWNERS									
1	Number of farms.....	103,929	86,847	17,082	924	1,546	1,281	980	2,081
2	Number of farms in 1900.....	<i>93,478</i>	<i>79,302</i>	<i>14,110</i>	<i>847</i>	<i>1,518</i>	<i>1,503</i>	<i>877</i>	<i>1,836</i>
3	Per cent of all farms.....	39.5	57.0	15.5	29.7	85.0	27.8	48.6	57.8
4	Per cent of all farms in 1900.....	<i>41.9</i>	<i>61.5</i>	<i>15.0</i>	<i>33.2</i>	<i>83.7</i>	<i>28.9</i>	<i>50.4</i>	<i>62.8</i>
5	Land in farms.....acres..	13,280,106	11,813,387	1,466,719	147,552	132,948	195,384	124,987	224,810
6	Improved land in farms.....acres..	4,620,232	3,944,413	675,819	51,042	27,472	90,367	35,495	79,633
7	Value of land and buildings.....dollars..	166,872,298	149,586,796	17,285,502	1,584,374	2,721,844	2,126,984	1,523,057	2,377,373
Degree of ownership:									
8	Farms consisting of owned land only.....	87,589	74,580	13,009	826	1,358	1,141	843	1,765
9	Farms consisting of owned and hired land.....	16,340	12,267	4,073	98	188	140	137	316
Color and nativity of owners:									
10	Native white.....	85,734	85,734	.....	617	953	979	809	2,031
11	Foreign-born white.....	1,113	1,113	.....	3	358	2	2	5
12	Negro and other nonwhite.....	17,082	.....	17,082	304	235	300	169	45
FARMS OPERATED BY TENANTS									
13	Number of farms.....	158,326	65,017	93,309	2,176	267	3,309	1,031	1,509
14	Number of farms in 1900.....	<i>128,874</i>	<i>48,973</i>	<i>79,901</i>	<i>1,691</i>	<i>68</i>	<i>3,175</i>	<i>857</i>	<i>1,321</i>
15	Per cent of all farms.....	60.2	42.6	84.5	69.8	14.7	71.8	51.1	41.9
16	Per cent of all farms in 1900.....	<i>57.7</i>	<i>37.9</i>	<i>84.9</i>	<i>68.4</i>	<i>9.9</i>	<i>70.3</i>	<i>48.3</i>	<i>37.1</i>
17	Land in farms.....acres..	7,085,439	3,478,205	3,607,234	77,956	11,319	215,445	50,980	68,935
18	Improved land in farms.....acres..	4,953,250	2,070,905	2,882,345	60,176	4,598	147,111	27,447	39,430
19	Value of land and buildings.....dollars..	114,415,600	58,197,104	56,218,496	1,245,101	348,797	2,331,441	838,624	957,722
Form of tenancy:									
20	Share tenants.....	67,352	39,665	27,687	255	52	1,316	765	1,301
21	Share-cash tenants.....	2,428	1,139	1,289	11	5	22	16	59
22	Cash tenants.....	83,360	22,125	61,235	1,886	198	1,918	233	127
23	Tenure not specified.....	5,186	2,088	3,098	24	12	53	17	22
Color and nativity of tenants:									
24	Native white.....	64,894	64,894	.....	368	153	804	551	1,463
25	Foreign-born white.....	123	123	.....	2	24	.....	2	1
26	Negro and other nonwhite.....	93,309	.....	93,309	1,806	90	2,505	478	45
FARMS OPERATED BY MANAGERS									
27	Number of farms.....	646	594	52	16	5	16	5	12
28	Number of farms in 1900.....	<i>874</i>	<i>802</i>	<i>72</i>	<i>10</i>	<i>9</i>	<i>38</i>	<i>6</i>	<i>6</i>
29	Land in farms.....acres..	366,767	349,285	17,482	20,160	8,671	12,758	5,246	4,152
30	Improved land in farms.....acres..	120,069	115,087	5,012	3,633	793	6,500	1,123	1,125
31	Value of land and buildings.....dollars..	6,985,693	6,550,964	414,729	241,263	303,500	138,550	148,315	50,600
MORTGAGE DEBT REPORTS:									
For all farms operated by owners:									
32	Number free from mortgage debt.....	74,504	64,553	9,951	640	1,245	835	733	1,667
33	Number with mortgage debt.....	27,457	20,906	6,551	269	292	357	230	382
34	Number with no mortgage report.....	1,068	1,388	580	15	9	39	17	32
For farms consisting of owned land only:									
35	Number reporting debt and amount.....	19,230	14,937	4,293	193	248	246	163	263
36	Value of their land and buildings.....dollars..	32,311,461	27,533,107	4,778,354	348,384	439,800	465,616	290,090	275,531
37	Amount of mortgage debt.....dollars..	10,350,577	8,737,682	1,612,895	134,792	128,307	161,419	66,785	90,837
38	Per cent of value of land and buildings.....	32.0	31.7	33.8	38.7	29.2	34.7	23.0	33.0

¹ Change of boundary. (See explanation at close of text.) ² No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....number..	325,689	.....	.....	3,326	4,252	4,311	3,063	4,998
2	Dairy cows on farms reporting milk produced.....number..	314,631	.....	.....	3,114	3,780	4,234	2,970	4,954
3	Milk—Produced.....gallons..	78,728,345	.....	.....	620,298	502,230	885,055	755,021	1,576,150
4	Sold.....gallons..	3,397,426	.....	.....	24,919	17,198	2,755	19,573	25,168
5	Cream sold.....gallons..	28,385	.....	.....	.....	368	.....	.....	.....
6	Butter fat sold.....pounds..	21,744	.....	.....	.....	9,898	10	.....	.....
7	Butter—Produced.....pounds..	29,550,595	.....	.....	260,183	118,546	318,337	265,723	673,805
8	Sold.....pounds..	2,805,021	.....	.....	27,192	18,854	14,213	35,264	102,891
9	Cheese—Produced.....pounds..	5,528	.....	.....	.....	1,955	50	.....	125
10	Sold.....pounds..	2,435	.....	.....	.....	680	.....	.....	.....
11	Value of dairy products, excluding home use of milk and cream.....dollars..	6,396,198	.....	.....	59,912	42,266	65,796	61,058	127,889
12	Receipts from sale of dairy products.....dollars..	1,358,504	.....	.....	9,144	14,734	3,755	10,827	27,776
Poultry Products									
13	Poultry—Raised.....number..	11,089,890	.....	.....	107,944	81,503	163,252	76,423	174,902
14	Sold.....number..	2,676,870	.....	.....	20,773	21,032	23,173	15,357	60,275
15	Eggs—Produced.....dozens..	19,626,126	.....	.....	173,683	172,179	208,021	168,278	392,023
16	Sold.....dozens..	7,665,603	.....	.....	52,289	54,711	32,411	59,758	233,782
17	Value of poultry and eggs produced.....dollars..	6,139,298	.....	.....	59,858	63,062	80,393	47,888	111,968
18	Receipts from sale of poultry and eggs.....dollars..	2,018,842	.....	.....	15,026	19,401	13,738	14,369	56,322
Honey and Wax									
19	Honey produced.....pounds..	891,954	.....	.....	8,485	5,744	8,264	20,446	8,452
20	Wax produced.....pounds..	50,043	.....	.....	972	143	436	748	270
21	Value of honey and wax produced.....dollars..	98,977	.....	.....	1,062	782	875	2,209	1,240
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....number..	86,373	.....	.....	139	13,475	137	597	842
23	Mohair and goat hair, fleeces shorn.....number..	383	.....	.....	5	.....	73	10	2
24	Value of wool and mohair produced.....dollars..	61,716	.....	.....	110	12,007	126	515	505
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered.....number..	38,566	.....	.....	170	248	216	254	1,777
26	Other cattle—Sold or slaughtered.....number..	241,172	.....	.....	1,984	2,559	1,914	1,479	8,583
27	Horses, mules, and asses and burros—Sold.....number..	20,536	.....	.....	108	86	95	143	498
28	Swine—Sold or slaughtered.....number..	704,993	.....	.....	7,036	4,751	13,356	5,996	9,671
29	Sheep and goats—Sold or slaughtered.....number..	40,197	.....	.....	1,032	893	131	959	1,101
30	Receipts from sale of animals.....dollars..	5,543,718	.....	.....	38,072	36,974	36,545	36,386	198,680
31	Value of animals slaughtered.....dollars..	7,606,246	.....	.....	66,047	40,412	143,663	61,712	113,718

AGRICULTURE—ALABAMA.

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND [Comparative data for June 1, 1900, in italics.]

	Bullock.	Butler.	Calhoun. ¹	Chambers.	Cherokee.	Chilton.	Choctaw.	Clarke.	
FARMS OPERATED BY OWNERS									
1	Number of farms.....	504	1,659	1,356	1,264	1,332	1,970	1,476	2,482
2	Number of farms in 1900.....	<i>625</i>	<i>1,433</i>	<i>1,177</i>	<i>1,250</i>	<i>1,405</i>	<i>1,531</i>	<i>1,404</i>	<i>1,961</i>
3	Per cent of all farms.....	10.7	39.4	40.1	24.7	38.6	59.5	45.9	50.5
4	Per cent of all farms in 1900.....	<i>12.6</i>	<i>44.1</i>	<i>39.4</i>	<i>31.0</i>	<i>47.7</i>	<i>65.9</i>	<i>48.7</i>	<i>49.4</i>
5	Land in farms.....acres.....	79,117	216,793	158,059	126,485	170,059	198,496	253,009	407,266
6	Improved land in farms.....acres.....	49,712	73,648	56,505	53,393	60,742	67,187	66,932	103,503
7	Value of land and buildings.....dollars.....	1,079,927	2,608,812	2,183,273	2,609,197	2,008,152	2,480,042	1,832,047	3,216,233
Degree of ownership:									
8	Farms consisting of owned land only.....	458	1,465	1,141	1,165	1,131	1,672	1,211	1,849
9	Farms consisting of owned and hired land.....	46	194	215	99	201	298	265	633
Color and nativity of owners:									
10	Native white.....	337	1,283	1,187	1,093	1,246	1,731	907	1,594
11	Foreign-born white.....	1	5	5	1	3	43	2	4
12	Negro and other nonwhite.....	166	376	164	170	83	196	507	884
FARMS OPERATED BY TENANTS									
13	Number of farms.....	4,210	2,550	2,012	3,548	2,110	1,342	1,730	2,428
14	Number of farms in 1900.....	<i>4,304</i>	<i>1,810</i>	<i>1,805</i>	<i>2,814</i>	<i>1,531</i>	<i>789</i>	<i>1,490</i>	<i>2,005</i>
15	Per cent of all farms.....	89.1	60.6	59.5	75.1	61.2	40.5	53.8	49.4
16	Per cent of all farms in 1900.....	<i>87.2</i>	<i>55.7</i>	<i>60.5</i>	<i>68.1</i>	<i>52.0</i>	<i>54.0</i>	<i>50.6</i>	<i>50.5</i>
17	Land in farms.....acres.....	207,624	121,345	98,459	201,348	98,608	65,317	65,164	73,275
18	Improved land in farms.....acres.....	174,354	79,508	61,988	132,858	65,660	35,965	43,686	51,558
19	Value of land and buildings.....dollars.....	2,878,286	1,668,891	1,845,281	3,594,586	1,768,901	963,620	631,743	871,830
Form of tenancy:									
20	Share tenants.....	1,362	970	1,507	1,937	1,781	712	463	664
21	Share-cash tenants.....	134	66	16	240	10	31	10	60
22	Cash tenants.....	2,634	1,484	451	1,471	120	589	1,224	1,640
23	Tenure not specified.....	80	30	38	200	199	10	33	55
Color and nativity of tenants:									
24	Native white.....	321	892	1,467	1,247	1,836	1,029	364	638
25	Foreign-born white.....	4	4	4	2	3	3	3	3
26	Negro and other nonwhite.....	3,889	1,658	541	2,601	272	310	1,366	1,790
FARMS OPERATED BY MANAGERS									
27	Number of farms.....	12	2	13	14	7	1	10	9
28	Number of farms in 1900.....	<i>16</i>	<i>6</i>	<i>9</i>	<i>38</i>	<i>11</i>	<i>5</i>	<i>19</i>	<i>6</i>
29	Land in farms.....acres.....	10,643	310	1,625	6,164	14,652	80	13,315	6,115
30	Improved land in farms.....acres.....	3,181	200	533	1,570	2,669	36	1,560	364
31	Value of land and buildings.....dollars.....	195,280	8,275	24,540	104,067	225,370	2,000	92,590	25,565
MORTGAGE DEBT REPORTS:									
For all farms operated by owners:									
32	Number free from mortgage debt.....	321	947	1,121	922	1,157	1,328	972	1,009
33	Number with mortgage debt.....	135	686	197	278	158	631	489	539
34	Number with no mortgage report.....	48	26	38	64	17	11	15	34
For farms consisting of owned land only:									
35	Number reporting debt and amount.....	97	516	131	210	108	468	359	318
36	Value of their land and buildings.....dollars.....	222,115	812,056	243,196	391,770	182,436	540,476	397,371	431,287
37	Amount of mortgage debt.....dollars.....	91,270	262,024	71,070	138,039	51,602	177,190	143,419	125,306
38	Per cent of value of land and buildings.....	41.1	32.3	29.2	35.2	28.3	32.8	36.1	29.1

¹ Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....number.....	4,675	4,970	4,300	4,924	4,084	4,795	5,344	7,114
2	Dairy cows on farms reporting milk produced.....number.....	4,533	4,947	4,013	4,750	3,926	4,745	5,291	7,034
3	Milk—Produced.....gallons.....	761,308	1,057,581	1,347,822	1,591,263	1,232,066	1,180,913	602,725	897,783
4	Sold.....gallons.....	8,540	2,927	43,020	17,295	2,873	13,664	195	10,431
5	Cream sold.....gallons.....			3,300	3,652		2,985		
6	Butter fat sold.....pounds.....					60		26	
7	Butter—Produced.....pounds.....	247,445	350,602	599,471	764,550	547,099	519,480	216,969	295,386
8	Sold.....pounds.....	26,755	19,133	106,789	73,800	28,154	30,804	5,911	15,067
9	Cheese—Produced.....pounds.....								50
10	Sold.....pounds.....								
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	56,247	71,828	134,291	133,857	100,864	107,343	43,249	63,461
12	Receipts from sale of dairy products.....dollars.....	9,264	4,302	34,796	22,323	5,792	11,605	1,273	4,954
Poultry Products									
13	Poultry—Raised.....number.....	162,547	153,406	157,031	232,359	206,832	156,981	106,102	136,648
14	Sold.....number.....	31,470	28,055	44,736	44,135	43,065	41,116	11,958	23,647
15	Eggs—Produced.....dozens.....	212,240	257,517	286,153	327,684	280,569	242,968	173,248	264,956
16	Sold.....dozens.....	51,602	65,608	95,543	98,569	96,321	82,492	36,953	73,660
17	Value of poultry and eggs produced.....dollars.....	74,138	77,908	94,957	118,162	86,825	77,224	52,542	78,169
18	Receipts from sale of poultry and eggs.....dollars.....	17,766	17,640	27,919	30,061	24,990	24,129	9,168	18,548
Honey and Wax									
19	Honey produced.....pounds.....	12,929	18,371	8,824	12,982	11,007	14,422	8,938	28,068
20	Wax produced.....pounds.....	284	958	573	304	185	864	754	4,029
21	Value of honey and wax produced.....dollars.....	1,409	1,977	1,127	1,515	1,263	1,571	1,045	3,051
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....number.....	208	1,217	471	58	231	646	673	901
23	Mohair and goat hair, fleeces shorn.....number.....				5				
24	Value of wool and mohair produced.....dollars.....	167	854	326	62	187	392	235	601
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered.....number.....	147	206	807	535	700	856	96	83
26	Other cattle—Sold or slaughtered.....number.....	2,708	3,092	1,872	2,934	2,650	5,205	3,211	3,840
27	Horses, mules, and asses and burros—Sold.....number.....	91	109	254	175	336	287	152	185
28	Pigs—Sold or slaughtered.....number.....	6,826	12,097	5,783	7,966	6,218	11,861	7,881	10,060
29	Sheep and goats—Sold or slaughtered.....number.....	137	233	217	93	254	1,440	866	409
30	Receipts from sale of animals.....dollars.....	40,360	35,435	57,199	64,731	55,353	87,325	45,109	57,475
31	Value of animals slaughtered.....dollars.....	68,568	114,550	77,415	125,814	78,633	126,232	70,017	80,187

AGRICULTURE—ALABAMA.

NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Clay.	Cleburne. ¹	Coffee.	Colbert.	Conecuh.	Coosa.	Covington.	Crenshaw.	Cullman. ¹	Dale. ¹	Dallas.	Dekalb.
1	1,812	1,212	1,678	915	1,984	1,295	2,060	1,740	3,069	1,449	865	2,936
2	1,724	1,172	1,549	847	1,610	1,284	1,525	1,561	2,171	1,678	889	2,419
3	52.4	54.2	42.8	34.6	56.3	45.3	61.8	46.2	67.8	42.3	10.6	59.5
4	59.7	56.2	54.4	35.6	65.5	49.5	78.6	52.5	72.4	54.6	12.4	60.4
5	186,519	147,721	233,103	136,654	223,388	182,890	252,452	215,009	278,066	203,864	121,977	276,854
6	67,981	43,124	96,511	51,439	68,981	63,660	78,139	80,878	105,479	82,086	51,603	100,643
7	2,088,835	1,243,491	3,092,633	1,700,269	3,463,117	1,413,650	3,361,982	2,742,405	3,806,443	2,270,355	1,989,482	3,489,308
8	1,534	1,020	1,456	698	1,714	1,154	1,792	1,456	2,490	1,258	748	2,386
9	278	192	222	217	270	141	268	254	579	191	117	550
10	1,734	1,176	1,549	711	1,303	1,070	1,800	1,530	2,830	1,322	427	2,894
11	2	22	1	17	1	4	3	1	211	3	3	14
12	76	14	128	187	677	225	197	209	28	127	435	28
13	1,645	1,024	2,238	1,726	1,541	1,552	1,256	2,022	1,455	1,978	7,302	1,992
14	1,161	602	1,389	1,513	839	1,298	415	1,406	868	1,334	6,234	1,583
15	47.6	45.8	57.0	65.4	43.7	54.7	37.7	53.6	32.1	57.7	89.2	40.4
16	40.2	43.2	46.2	63.6	34.1	60.0	21.3	47.3	27.0	45.2	87.3	39.5
17	68,585	52,833	121,821	96,706	45,474	90,049	60,856	92,318	64,592	110,910	234,253	85,502
18	41,203	26,235	87,795	70,152	35,614	44,713	40,801	67,345	37,264	77,156	201,254	50,604
19	914,374	611,629	1,796,668	1,887,670	714,299	822,666	927,527	1,318,304	958,822	1,332,745	3,863,335	1,339,951
20	1,298	880	1,305	786	637	691	829	1,014	1,201	978	262	1,744
21	31	13	21	35	3	13	46	26	18	58	14	32
22	218	115	846	877	886	579	373	968	208	868	6,647	158
23	98	16	66	28	15	79	8	14	28	74	379	58
24	1,369	941	1,701	979	649	809	1,018	1,225	1,432	1,321	320	1,946
25	1	1	3	3	1	1	3	3	2	1	1	1
26	275	82	537	744	891	753	238	797	30	657	6,981	45
27	2	2	9	2	2	1	17	8	4	1	15	4
28	2	12	11	18	8	13	5	5	19	5	13	2
29	226	334	2,996	917	25	25	1,932	2,509	350	100	6,515	1,165
30	106	70	1,120	50	15	15	872	1,074	145	40	3,729	386
31	400	51,200	50,600	3,500	500	500	31,640	27,294	16,000	1,500	133,895	17,075
32	1,528	1,095	1,093	655	1,200	1,007	1,345	1,137	1,830	1,049	576	2,125
33	262	100	534	243	760	281	695	582	1,202	382	221	685
34	22	17	46	17	24	7	20	21	37	18	68	126
35	152	72	380	156	565	207	513	378	843	259	163	447
36	158,671	77,830	643,741	319,860	899,297	237,331	744,593	592,751	1,043,498	426,502	426,227	546,165
37	51,710	22,557	234,234	92,958	212,897	78,612	237,292	193,259	286,757	167,877	177,138	151,797
38	32.6	29.0	36.4	29.1	23.7	33.1	31.9	32.6	27.5	39.4	41.6	27.8

* No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	4,107	2,411	3,286	3,778	4,240	3,810	4,887	3,731	5,177	2,905	6,916	5,916
2	3,990	2,381	3,273	3,776	4,179	3,681	4,744	3,723	5,011	2,699	6,678	5,758
3	1,336,214	846,768	858,642	974,741	733,190	1,029,845	922,430	887,809	1,650,458	749,082	1,523,465	1,928,175
4	11,756	7,555	11,584	41,583	8,307	3,173	13,505	6,054	12,227	4,603	26,558	9,538
5		20			10				60	8	200	
6			160					1,500	500			30
7	580,124	358,782	330,624	362,548	269,242	450,113	344,965	350,403	686,711	308,650	429,495	819,905
8	24,965	16,739	18,516	45,932	14,133	18,883	20,319	14,954	65,911	11,658	71,152	55,939
9			120						10			
10			120									
11	89,398	57,454	71,787	77,969	58,787	79,546	82,417	69,132	108,624	65,230	97,787	136,439
12	5,636	3,939	6,551	15,616	4,392	4,000	7,758	4,544	15,243	3,038	23,599	11,155
13	208,047	117,889	148,788	135,577	152,422	154,057	131,231	163,569	200,545	145,227	239,397	303,938
14	78,221	36,474	21,847	32,007	28,830	32,996	44,793	36,509	62,838	22,084	52,163	115,088
15	316,829	194,389	241,706	254,451	246,917	192,314	269,704	359,822	479,334	249,833	278,089	547,600
16	149,647	90,595	95,470	95,470	72,807	81,364	80,186	128,378	260,591	65,811	84,836	293,963
17	99,060	55,899	76,595	73,968	79,657	66,720	86,540	94,358	120,441	78,602	122,900	155,546
18	42,376	23,150	14,178	24,582	19,348	24,387	25,509	29,242	55,081	16,545	35,105	73,585
19	15,369	9,896	20,333	5,105	16,801	19,067	23,966	13,927	10,442	9,820	39,103	9,835
20	818	535	1,253	115	1,218	1,114	1,529	1,181	439	659	932	337
21	1,787	1,169	2,103	659	1,645	2,120	2,252	1,506	1,302	908	2,846	1,228
22	230	255	20	1,137	1,607	211	2,716		454	18	208	3,254
23	10			6		3			5			18
24	200	187	16	561	1,303	116	1,967		292	15	218	2,140
25	799	690	268	458	84	243	216	407	1,006	281	423	1,710
26	3,432	1,631	1,710	4,806	1,896	2,677	2,974	4,329	3,254	2,065	3,157	6,349
27	515	256	250	378	76	246	236	243	888	198	139	880
28	6,568	3,724	22,328	9,165	14,170	5,118	24,502	13,434	9,967	22,376	9,075	13,873
29	159	265	13	583	265	275	747	76	274	24	475	2,113
30	97,046	54,659	60,988	97,293	21,661	59,418	61,545	81,634	91,495	49,360	58,524	188,787
31	92,440	48,423	208,017	126,749	145,210	72,246	216,746	142,327	121,632	212,125	85,361	187,436

AGRICULTURE—ALABAMA.

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND

[Comparative data for June 1, 1900, in italics.]

	Elmore.	Escambia.	Etowah.	Fayette.	Franklin.	Geneva. ¹	Greene.	Hale.
FARMS OPERATED BY OWNERS								
1	Number of farms.....	1,676	1,277	1,417	1,682	1,372	1,792	1,137
2	Number of farms in 1900.....	<i>1,472</i>	<i>808</i>	<i>1,405</i>	<i>1,645</i>	<i>1,224</i>	<i>1,698</i>	<i>1,040</i>
3	Per cent of all farms.....	41.6	76.1	46.2	58.1	51.8	53.3	25.2
4	Per cent of all farms in 1900.....	<i>43.0</i>	<i>84.3</i>	<i>61.4</i>	<i>69.4</i>	<i>54.7</i>	<i>74.1</i>	<i>27.3</i>
5	Land in farms.....acres.....	196,153	111,687	160,631	244,965	196,573	193,108	170,334
6	Improved land in farms.....acres.....	79,407	33,436	60,087	62,381	56,041	75,301	74,612
7	Value of land and buildings.....dollars.....	2,990,390	1,673,799	2,141,249	1,831,500	1,667,658	3,027,576	2,604,357
Degree of ownership:								
8	Farms consisting of owned land only.....	1,462	1,195	1,173	1,443	1,134	1,583	933
9	Farms consisting of owned and hired land.....	214	82	244	239	238	209	204
Color and nativity of owners:								
10	Native white.....	1,272	1,071	1,342	1,503	1,355	1,679	585
11	Foreign-born white.....	4	7	5	1	1	1	8
12	Negro and other nonwhite.....	400	199	70	89	16	113	534
FARMS OPERATED BY TENANTS								
13	Number of farms.....	2,348	399	1,641	1,213	1,277	1,563	3,342
14	Number of farms in 1900.....	<i>1,222</i>	<i>148</i>	<i>1,237</i>	<i>725</i>	<i>1,009</i>	<i>533</i>	<i>2,734</i>
15	Per cent of all farms.....	58.2	23.8	53.5	41.9	48.2	46.4	74.1
16	Per cent of all farms in 1900.....	<i>56.2</i>	<i>15.4</i>	<i>47.1</i>	<i>30.6</i>	<i>45.1</i>	<i>25.5</i>	<i>71.0</i>
17	Land in farms.....acres.....	97,656	15,032	85,396	50,348	60,249	79,081	120,055
18	Improved land in farms.....acres.....	68,784	9,466	50,436	30,324	34,750	55,899	97,119
19	Value of land and buildings.....dollars.....	1,745,900	335,662	1,490,952	635,500	897,733	1,359,049	2,240,452
Form of tenancy:								
20	Share tenants.....	840	159	1,326	1,091	938	945	1,106
21	Share-cash tenants.....	74	2	23	12	29	12	22
22	Cash tenants.....	1,237	202	269	101	304	581	2,147
23	Tenure not specified.....	197	36	23	9	6	25	67
Color and nativity of tenants:								
24	Native white.....	1,020	316	1,495	993	1,173	1,311	322
25	Foreign-born white.....	1	3	4	2	2	1	4
26	Negro and other nonwhite.....	1,327	83	143	220	102	252	3,016
FARMS OPERATED BY MANAGERS								
27	Number of farms.....	9	1	10	2	1	10	31
28	Number of farms in 1900.....	<i>27</i>	<i>3</i>	<i>43</i>	<i>1</i>	<i>0</i>	<i>11</i>	<i>31</i>
29	Land in farms.....acres.....	2,945	265	3,341	706	5	3,417	26,316
30	Improved land in farms.....acres.....	1,825	200	1,550	111	5	708	13,429
31	Value of land and buildings.....dollars.....	76,565	12,000	52,120	7,300	1,000	64,160	538,975
MORTGAGE DEBT REPORTS:								
For all farms operated by owners:								
32	Number free from mortgage debt.....	983	967	1,086	1,337	996	1,191	640
33	Number with mortgage debt.....	633	394	299	336	351	533	454
34	Number with no mortgage report.....	55	16	62	9	25	18	43
For farms consisting of owned land only:								
35	Number reporting debt and amount.....	489	326	179	245	237	400	330
36	Value of their land and buildings.....dollars.....	842,940	390,712	240,392	293,965	281,754	513,442	950,136
37	Amount of mortgage debt.....dollars.....	274,198	107,143	74,548	93,459	80,673	232,707	319,133
38	Per cent of value of land and buildings.....	32.5	27.0	30.4	31.8	28.6	34.8	33.6

¹ Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS										
Dairy Products										
1	Dairy cows on farms reporting dairy products.....	number	4,419	3,523	3,733	3,571	4,028	4,161	6,040	5,257
2	Dairy cows on farms reporting milk produced.....	number	4,392	3,507	3,575	3,447	4,020	4,122	5,289	5,134
3	Milk—Produced.....	gallons	1,234,730	523,384	1,189,611	1,037,740	1,144,708	729,232	1,274,232	994,702
4	Sold.....	gallons	14,195	8,509	33,347	3,807	9,494	6,736	2,966	3,167
5	Cream sold.....	gallons	1,020	3,000	20					
6	Butter fat sold.....	pounds	100	12	3,000	20				905
7	Butter—Produced.....	pounds	522,709	148,130	594,620	428,109	369,573	290,460	438,128	341,435
8	Sold.....	pounds	46,566	12,819	81,195	19,289	18,682	14,004	22,275	45,287
9	Cheese—Produced.....	pounds			1,400				530	
10	Sold.....	pounds							530	
11	Value of dairy products, excluding home use of milk and cream.....	dollars	101,195	37,911	126,842	72,834	66,403	63,616	71,472	64,478
12	Receipts from sale of dairy products.....	dollars	11,593	4,924	25,026	4,189	4,663	3,692	4,723	10,156
Poultry Products										
13	Poultry—Raised.....	number	174,284	74,810	183,641	164,590	149,330	149,827	116,896	156,398
14	Sold.....	number	43,998	23,105	51,493	55,391	42,540	29,661	16,647	83,755
15	Eggs—Produced.....	dozens	248,643	103,795	303,179	258,148	304,064	267,451	152,632	196,178
16	Sold.....	dozens	80,468	54,574	127,217	123,513	140,780	91,706	29,641	55,212
17	Value of poultry and eggs produced.....	dollars	93,663	53,156	101,615	84,245	79,789	85,239	55,827	70,768
18	Receipts from sale of poultry and eggs.....	dollars	26,880	17,326	36,962	35,137	31,095	23,822	10,059	18,038
Honey and Wax										
19	Honey produced.....	pounds	16,577	12,784	7,985	10,555	6,987	13,743	4,114	20,307
20	Wax produced.....	pounds	1,396	522	261	700	257	753	194	2,044
21	Value of honey and wax produced.....	dollars	1,896	1,466	1,026	1,341	847	1,463	492	3,440
Wool, Mohair, and Goat Hair										
22	Wool, fleeces shorn.....	number	352	6,838	486	579	1,076	2,289	657	1,338
23	Mohair and goat hair, fleeces shorn.....	number		13	10				15	10
24	Value of wool and mohair produced.....	dollars	237	5,640	361	374	576	1,169	608	807
DOMESTIC ANIMALS SOLD OR SLAUGHTERED										
25	Calves—Sold or slaughtered.....	number	775	15	753	486	614	138	260	632
26	Other cattle—Sold or slaughtered.....	number	3,691	1,267	3,013	2,823	4,037	2,185	1,167	4,284
27	Horses, mules, and asses and burros—Sold.....	number	284	66	356	343	496	154	69	297
28	Swine—Sold or slaughtered.....	number	5,532	6,325	5,315	7,274	9,270	27,637	4,889	8,201
29	Sheep and goats—Sold or slaughtered.....	number	200	63	291	244	381	222	265	360
30	Receipts from sale of animals.....	dollars	87,374	22,995	71,646	70,514	105,117	41,700	23,767	88,955
31	Value of animals slaughtered.....	dollars	69,859	53,181	79,850	88,861	116,384	240,786	47,987	76,939

AGRICULTURE—ALABAMA.

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND
[Comparative data for June 1, 1900, in italics.]

	Marion.	Marshall.	Mobile.	Monroe.	Montgomery.	Morgan.	Perry.	Pickens.
FARMS OPERATED BY OWNERS								
1 Number of farms.....	1,868	2,615	1,110	1,801	809	1,818	1,159	1,614
2 <i>Number of farms in 1900.....</i>	<i>1,668</i>	<i>2,166</i>	<i>773</i>	<i>1,719</i>	<i>874</i>	<i>1,676</i>	<i>1,118</i>	<i>1,777</i>
3 Per cent of all farms.....	63.7	53.4	86.9	39.0	12.5	48.1	22.5	38.9
4 <i>Per cent of all farms in 1900.....</i>	<i>67.4</i>	<i>66.6</i>	<i>89.5</i>	<i>48.4</i>	<i>15.2</i>	<i>51.2</i>	<i>25.7</i>	<i>42.7</i>
5 Land in farms..... acres.....	200,996	245,151	125,904	335,096	110,890	196,677	187,931	234,959
6 <i>Improved land in farms..... acres.....</i>	<i>67,827</i>	<i>92,578</i>	<i>18,384</i>	<i>94,692</i>	<i>70,681</i>	<i>79,014</i>	<i>69,335</i>	<i>68,375</i>
7 Value of land and buildings..... dollars.....	1,784,847	3,501,474	2,525,874	3,175,124	3,170,179	2,718,897	2,104,421	2,153,856
Degree of ownership:								
8 Farms consisting of owned land only.....	1,675	2,084	1,072	1,423	695	1,322	896	1,512
9 Farms consisting of owned and hired land.....	183	531	38	378	114	496	263	102
Color and nativity of owners:								
10 Native white.....	1,817	2,571	760	1,165	474	1,616	695	1,346
11 Foreign-born white.....	2	.....	99	4	5	19	.....	1
12 Negro and other nonwhite.....	39	44	251	632	332	183	404	267
FARMS OPERATED BY TENANTS								
13 Number of farms.....	1,057	2,273	155	2,808	5,652	1,956	3,950	2,524
14 <i>Number of farms in 1900.....</i>	<i>797</i>	<i>1,648</i>	<i>86</i>	<i>1,329</i>	<i>4,848</i>	<i>1,492</i>	<i>3,644</i>	<i>2,880</i>
15 Per cent of all farms.....	35.2	46.5	12.1	60.9	87.2	51.7	70.8	60.9
16 <i>Per cent of all farms in 1900.....</i>	<i>32.3</i>	<i>48.2</i>	<i>9.9</i>	<i>51.5</i>	<i>84.1</i>	<i>48.5</i>	<i>75.5</i>	<i>57.8</i>
17 Land in farms..... acres.....	57,252	82,142	16,285	88,882	261,475	94,512	153,868	131,757
18 <i>Improved land in farms..... acres.....</i>	<i>25,824</i>	<i>50,838</i>	<i>2,612</i>	<i>69,223</i>	<i>207,999</i>	<i>59,008</i>	<i>123,638</i>	<i>81,659</i>
19 Value of land and buildings..... dollars.....	610,019	1,659,502	478,180	1,241,283	5,890,021	1,713,267	2,540,915	1,400,559
Form of tenancy:								
20 Share tenants.....	958	2,032	10	492	1,008	1,380	937	853
21 Share-cash tenants.....	22	38	3	65	102	60	8	16
22 Cash tenants.....	50	154	101	2,036	4,476	446	2,018	1,521
23 Tenure not specified.....	27	49	41	215	66	70	87	135
Color and nativity of tenants:								
24 Native white.....	1,000	2,172	112	784	408	1,489	411	601
25 Foreign-born white.....	2	.....	0	5	1	.....	.....	.....
26 Negro and other nonwhite.....	46	101	34	2,018	5,243	466	3,539	1,923
FARMS OPERATED BY MANAGERS								
27 Number of farms.....	1	5	13	4	23	9	34	6
28 <i>Number of farms in 1900.....</i>	<i>0</i>	<i>8</i>	<i>5</i>	<i>7</i>	<i>45</i>	<i>17</i>	<i>38</i>	<i>7</i>
29 Land in farms..... acres.....	80	2,839	2,271	15,311	11,821	3,011	14,946	3,675
30 <i>Improved land in farms..... acres.....</i>	<i>50</i>	<i>580</i>	<i>1,035</i>	<i>850</i>	<i>7,181</i>	<i>788</i>	<i>5,300</i>	<i>1,410</i>
31 Value of land and buildings..... dollars.....	6,000	38,070	107,920	144,725	472,310	80,930	239,517	60,035
MORTGAGE DEBT REPORTS¹								
For all farms operated by owners:								
32 Number free from mortgage debt.....	1,353	1,952	1,017	1,185	552	1,194	682	1,116
33 Number with mortgage debt.....	480	646	89	579	198	610	436	490
34 Number with no mortgage report.....	25	17	4	37	59	14	41	8
For farms consisting of owned land only:								
35 Number reporting debt and amount.....	366	437	76	383	131	361	280	391
36 Value of their land and buildings..... dollars.....	345,704	613,880	219,200	603,629	712,161	574,657	574,733	489,801
37 Amount of mortgage debt..... dollars.....	103,198	202,320	40,330	205,390	218,175	151,710	188,071	151,072
38 Per cent of value of land and buildings.....	29.8	33.0	18.4	34.0	30.6	26.4	32.5	31.2

¹ No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1 Dairy cows on farms reporting dairy products..... number.....	3,585	5,615	3,631	6,599	8,242	5,015	6,061	5,308
2 Dairy cows on farms reporting milk produced..... number.....	3,482	5,420	3,570	6,557	8,024	5,002	6,024	5,341
3 Milk—Produced..... gallons.....	1,151,474	1,607,473	698,990	1,012,812	1,951,261	1,414,024	1,253,143	1,216,683
4 Sold..... gallons.....	6,170	6,240	339,536	1,720	256,873	44,369	9,679	4,954
5 Cream sold..... gallons.....	.....	12	1,316	.....	1,700	.....	10	.....
6 Butter fat sold..... pounds.....	.....	.....	.....	230	.....	.....	.....	.....
7 Butter—Produced..... pounds.....	490,719	670,165	73,919	206,407	404,611	681,086	396,582	519,132
8 Sold..... pounds.....	14,512	47,875	17,715	12,040	93,199	111,990	37,454	17,216
9 Cheese—Produced..... pounds.....	.....	.....	300	.....	.....	.....	.....	48
10 Sold..... pounds.....	.....	.....	300	.....	.....	.....	.....	20
11 Value of dairy products, excluding home use of milk and cream..... dollars.....	86,398	109,085	127,063	64,367	161,921	128,566	84,526	97,102
12 Receipts from sale of dairy products..... dollars.....	3,412	9,125	112,400	2,923	86,189	31,409	11,008	4,041
Poultry Products								
13 Poultry—Raised..... number.....	162,669	266,667	64,417	186,370	246,229	178,733	169,766	166,336
14 Sold..... number.....	64,402	79,934	19,921	28,581	83,382	49,654	37,915	30,132
15 Eggs—Produced..... dozens.....	252,151	631,888	179,480	273,810	363,510	581,699	190,474	233,204
16 Sold..... dozens.....	106,201	374,172	86,420	61,003	151,046	325,208	52,893	65,357
17 Value of poultry and eggs produced..... dollars.....	76,477	165,773	69,884	86,925	138,101	139,052	76,124	74,358
18 Receipts from sale of poultry and eggs..... dollars.....	32,025	80,496	30,305	16,452	49,847	66,723	19,858	17,644
Honey and Wax								
19 Honey produced..... pounds.....	11,270	7,476	9,292	27,698	43,555	6,242	15,386	7,172
20 Wax produced..... pounds.....	637	426	476	2,454	1,108	241	753	103
21 Value of honey and wax produced..... dollars.....	1,451	950	1,209	2,662	4,150	858	2,024	780
Wool, Mohair, and Goat Hair								
22 Wool, fleeces shorn..... number.....	879	798	3,036	358	573	762	763	150
23 Mohair and goat hair, fleeces shorn..... number.....	.....	3	61	.....	.....	.....	1	.....
24 Value of wool and mohair produced..... dollars.....	478	617	2,439	182	354	583	465	103
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25 Calves—Sold or slaughtered..... number.....	648	1,434	631	269	372	1,130	547	312
26 Other cattle—Sold or slaughtered..... number.....	4,319	5,726	1,325	5,089	3,840	4,887	3,416	2,095
27 Horses, mules, and asses and burros—Sold..... number.....	523	623	40	285	124	704	255	200
28 Swine—Sold or slaughtered..... number.....	10,804	13,788	3,063	11,195	11,237	9,650	9,823	7,410
29 Sheep and goats—Sold or slaughtered..... number.....	490	362	926	223	576	1,865	505	251
30 Receipts from sale of animals..... dollars.....	98,641	164,671	27,254	84,442	64,080	149,424	70,884	43,818
31 Value of animals slaughtered..... dollars.....	129,933	175,235	20,678	127,039	105,769	134,897	110,062	88,912

AGRICULTURE—ALABAMA.

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

Table with columns for counties (Sumter, Talladega, Tallapoosa, Tuscaloosa, Walker, Washington, Wilcox, Winston) and rows for crop categories (Cereals, Other grains, Hay and forage, etc.) and their values.

TABLE 5.—SELECTED FARM EXPENSES AND RECEIPTS, BY COUNTIES: 1909—Continued.

Table with columns for counties (Sumter, Talladega, Tallapoosa, Tuscaloosa, Walker, Washington, Wilcox, Winston) and rows for farm expenses and receipts (Labor, Fertilizer, Feed, Receipts, etc.).

AGRICULTURE—ALABAMA.

TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910—Continued.

	Lawrence.	Lee.	Limestone.	Lowndes.	Macon.	Madison.	Marengo.	Marion.	Marshall.	Mobile.
1 Inclosures reporting domestic animals....	169	708	305	233	237	1,226	364	170	272	2,451
2 Value of domestic animals.....dollars..	36,331	69,351	48,995	34,183	37,201	176,408	104,473	19,200	40,707	488,098
3 Cattle:										
4 Total number.....	410	628	418	540	601	1,031	1,054	326	330	4,327
5 Value.....dollars..	7,795	17,053	9,661	9,155	10,848	42,726	24,119	7,007	8,762	99,603
6 Number of dairy cows.....	183	441	266	281	150	1,149	341	153	226	2,306
7 Horses:										
8 Total number.....	154	262	231	150	148	662	388	82	197	2,377
9 Value.....dollars..	19,420	35,033	29,005	18,705	17,980	111,711	57,180	9,865	23,840	274,712
10 Number of mature horses.....	140	252	215	135	138	633	374	80	196	2,359
11 Mules and asses and burros:										
12 Total number.....	46	101	75	30	62	164	144	12	43	755
13 Value.....dollars..	7,357	13,535	8,333	4,640	6,835	19,270	21,055	1,230	6,855	107,252
14 Number of mature mules.....	41	98	66	24	39	149	143	8	43	744
15 Swine:										
16 Total number.....	274	626	384	471	299	472	472	221	217	1,567
17 Value.....dollars..	1,645	3,559	1,957	1,480	1,476	2,540	2,067	1,097	1,229	5,183
18 Sheep and goats:										
19 Total number.....	75	11	15	84	27	57	65	3	9	876
20 Value.....dollars..	111	51	34	203	62	161	52	1	21	1,348
	Monroe.	Montgomery.	Morgan.	Perry.	Pickens.	Pike.	Randolph.	Russell.	St. Clair.	
1 Inclosures reporting domestic animals....	134	1,716	1,074	310	321	579	299	405	633	
2 Value of domestic animals.....dollars..	40,752	477,210	126,870	57,095	70,832	91,023	37,005	34,933	92,228	
3 Cattle:										
4 Total number.....	568	1,743	1,238	441	741	968	333	325	1,311	
5 Value.....dollars..	12,109	55,092	31,254	10,795	16,557	20,419	7,745	7,728	23,921	
6 Number of dairy cows.....	163	1,305	898	289	297	504	218	196	613	
7 Horses:										
8 Total number.....	118	2,045	630	237	217	311	179	138	240	
9 Value.....dollars..	16,170	299,253	76,442	35,590	28,257	42,264	23,893	16,485	31,103	
10 Number of mature horses.....	118	2,015	617	233	211	307	170	133	237	
11 Mules and asses and burros:										
12 Total number.....	64	737	127	65	147	189	20	59	181	
13 Value.....dollars..	11,125	120,759	16,485	9,162	24,065	25,210	2,760	8,055	27,995	
14 Number of mature mules.....	63	734	122	65	141	185	17	58	157	
15 Swine:										
16 Total number.....	243	455	564	284	367	621	371	487	962	
17 Value.....dollars..	1,320	1,895	2,621	1,513	1,934	3,005	2,576	2,631	4,028	
18 Sheep and goats:										
19 Total number.....	14	89	22	10	13	26	15	15	75	
20 Value.....dollars..	19	211	68	35	19	125	31	34	91	
	Shelby.	Sumter.	Talladega.	Tallapoosa.	Tuscaloosa.	Walker.	Washington.	Wilcox.	Winston.	
1 Inclosures reporting domestic animals....	971	346	837	390	1,318	1,858	266	100	157	
2 Value of domestic animals.....dollars..	138,833	63,315	155,736	58,226	262,042	278,547	59,271	36,043	18,047	
3 Cattle:										
4 Total number.....	2,108	1,065	1,072	362	2,958	3,209	1,598	594	201	
5 Value.....dollars..	46,471	18,596	30,889	8,693	75,612	97,130	33,133	11,125	5,005	
6 Number of dairy cows.....	965	466	677	248	1,189	1,714	362	140	99	
7 Horses:										
8 Total number.....	345	234	812	251	727	566	139	119	75	
9 Value.....dollars..	44,690	27,832	80,705	31,279	93,445	73,775	13,705	15,262	8,850	
10 Number of mature horses.....	339	222	807	243	710	545	130	110	72	
11 Mules and asses and burros:										
12 Total number.....	298	91	205	103	520	811	46	56	25	
13 Value.....dollars..	40,217	12,897	40,910	14,015	87,385	122,386	7,600	9,085	3,185	
14 Number of mature mules.....	289	88	202	102	510	802	46	42	25	
15 Swine:										
16 Total number.....	1,706	543	447	580	1,608	3,591	1,866	129	220	
17 Value.....dollars..	6,961	3,790	3,209	4,232	5,605	14,816	4,575	545	1,003	
18 Sheep and goats:										
19 Total number.....	295	53	11	3	353	295	194	10	2	
20 Value.....dollars..	494	230	23	7	695	390	248	26	4	

PER CENT OF LAND AREA IN FARMS, AND AVERAGE VALUE OF FARM LAND PER ACRE, IN ARIZONA, BY COUNTIES: 1910.

PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 1.7.]

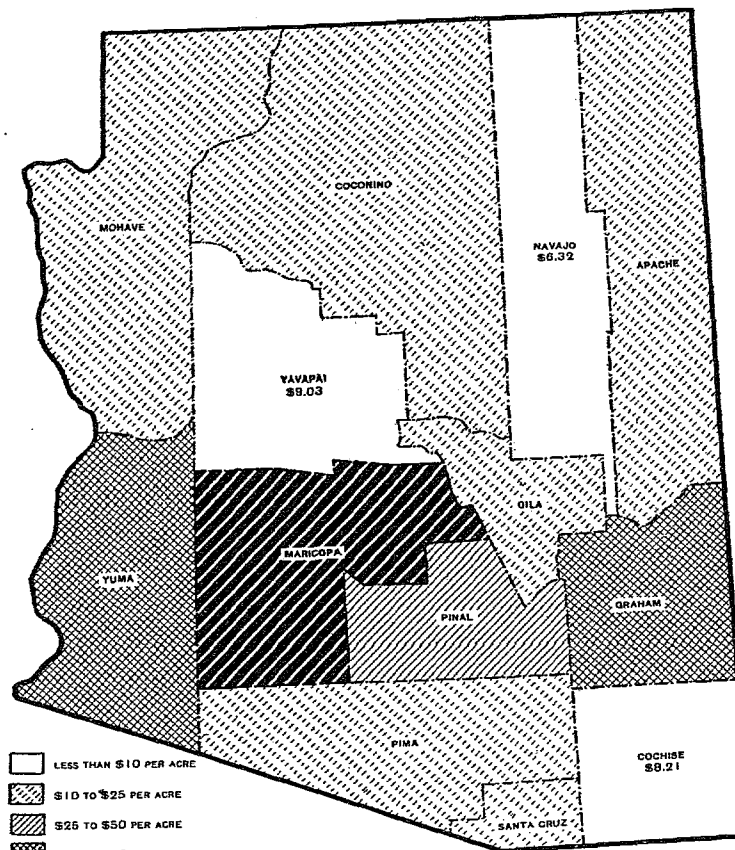
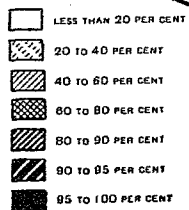
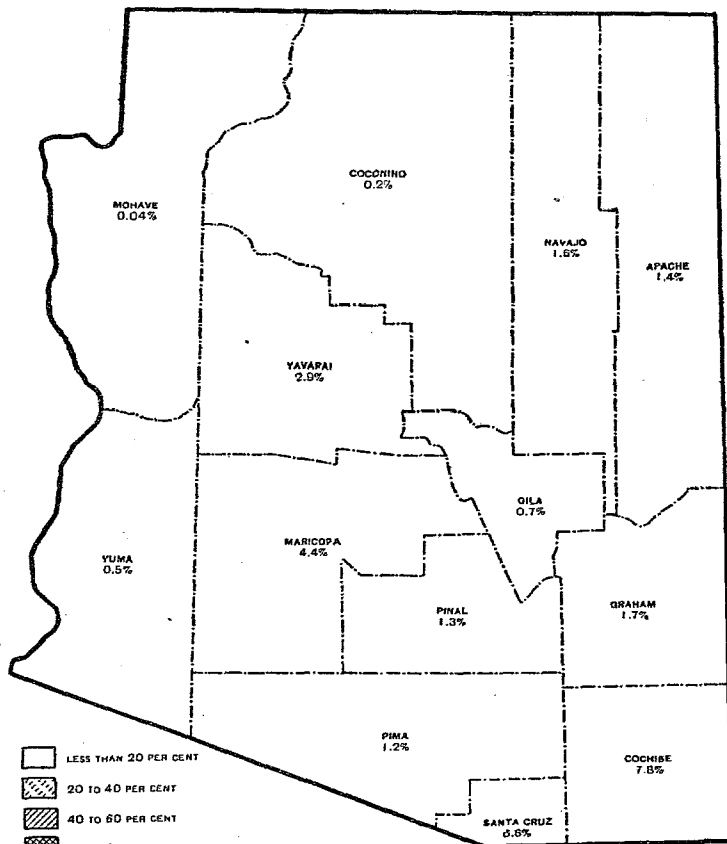
The per cent of land area in farms when less than 20, is inserted under the county name.

AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$33.97.]

When the value is less than \$10 per acre, it is inserted under the county name.

(56)



ARIZONA.

FARMS AND FARM PROPERTY.

Arizona ranks fifth in land area and forty-sixth in population among the states of continental United States. The southwestern portion of Arizona ranges from an altitude of approximately 350 feet above sea level along the lower course of the Colorado River to a general elevation of approximately 2,000 feet in the desert plains, with altitudes in excess of 4,000 feet in the mountain ridges which cross these plains from the northwest to southeast. The northern and north-eastern parts consist of a high plateau ranging in altitude from 4,000 to 8,000 feet above sea level, with mountain masses which rise to extreme altitudes of over 12,000 feet. The average elevation of Arizona above sea level is approximately 4,100 feet, with comparatively little below an altitude of 2,500 feet.

Southern and southwestern Arizona, lying within the extremely arid southwestern portion of the United States, consists of broad desert plains interspersed with nearly parallel mountain ranges of considerable elevation having a general northwestern and south-eastern trend. The floors of the desert plains are made up of gravelly and sandy detritus washed down from the mountains, together with sandy loam, loam and adobe soils in the vicinity of the larger streams or in the centers of the basinlike plains.

The plateau country is extremely varied in its surface configuration and in its soils. Extensive areas of the plateau consist of high mesas overlooking

lower plains and deep valleys and bounded by abrupt escarpments and canyons, the greatest of which, the Grand Canyon, has been cut by the Colorado River. The soils of this region are formed principally from a variety of underlying rock through surface weathering.

In the western half of Arizona the annual precipitation ranges from 1 to 10 inches, and in the eastern half from 10 to 25 inches. Irrigation is necessary to the growth of crops in the low valleys, but on the higher plains some crops are grown without it.

The two maps on the opposite page show, for the different counties, the proportion of the total land area which is in farms and the average value of farm land per acre. Of the entire land area of Arizona, only 1.7 per cent is in farms, and, as shown by the first map, the proportion in no county reaches 10 per cent, the highest percentage being 7.8 per cent for Cochise County.

For Arizona as a whole the average value per acre of farm land, exclusive of buildings, is \$33.97. The average varies considerably in the several counties, ranging from \$6.32 in Navajo County to \$104.50 in Maricopa County.

Progress during the decade 1900 to 1910.—The following table summarizes the more significant facts relating to population and land area, the number, value, and acreage of farms, and the value of all other farm property in 1910 and 1900:

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE. ¹	
			Amount.	Per cent.
Population.....	204,354	122,931	81,423	66.2
Number of all farms.....	9,227	5,809	3,418	58.8
Approximate land area of the state..... acres..	72,838,400	72,857,600	² -19,200	-----
Land in farms..... acres..	1,246,613	1,935,327	-688,714	-35.6
Improved land in farms..... acres..	350,173	254,521	95,652	37.6
Average acres per farm.....	135.1	333.2	-198.1	-59.5
Value of farm property: Total.....	\$75,123,970	\$29,993,847	\$45,130,123	150.5
Land.....	42,349,737	11,416,460	30,933,277	271.0
Buildings.....	4,935,573	2,266,500	2,669,073	117.8
Implements and machinery.....	1,787,790	765,200	1,022,590	133.6
Domestic animals, poultry, and bees....	26,050,870	15,545,687	10,505,183	67.6
Average value of all property per farm.....	\$8,142	\$5,163	\$2,979	57.7
Average value of land per acre.....	\$33.97	\$5.90	\$28.07	475.8

¹ A minus sign (--) denotes decrease.

² Due to the building of Roosevelt and Laguna reservoirs.

NOTE.—Ranges or ranches using the public domain for grazing purposes but not owning or leasing land were counted as farms in 1910 and 1900. They were included as owned or managed, free from mortgage, and under 3 acres in size. The counting of these ranges as farms affects all totals, averages, and percentages in which the number of farms is a factor. In 1910 there were 1,527 such ranges included as farms.

Between 1900 and 1910 there was an increase of 81,423, or 66.2 per cent, in population, and of 3,418, or 58.8 per cent, in the number of farms. The total farm acreage decreased 688,714, or 35.6 per cent, while the acreage of improved land increased 95,652, or 37.6 per cent.

Farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), has increased in value

during the decade \$45,130,000, or 150.5 per cent. Land alone increased in value 271 per cent, as compared with increases of 133.6 per cent in the value of implements and machinery, 117.8 per cent in that of buildings, and 67.6 per cent in that of live stock. In considering the increase of values in agriculture the general increase in the prices of all commodities in the last 10 years should be borne in mind.

The average value of a farm with its equipment was \$8,142 in 1910, compared with \$5,163 in 1900. The average value of land alone rose from \$5.90 per acre in 1900 to \$33.97 in 1910.

Irrigation.—Of the 9,227 farms in Arizona, 4,841, or 52.5 per cent, were irrigated in 1909. The acreage reported as irrigated in 1909 was 320,051 acres, or 91.4 per cent of the improved land in farms. The area to which enterprises existing in 1910 were capable of supplying water was 387,655 acres, while the total acreage included in projects completed or under way in 1910 was 944,090 acres.

Population, number of farms, and farm acreage: 1870 to 1910.—The table following presents, for each census from 1870 to 1910, inclusive, a statement of the total population, the number of farms, and the acreage of farm land and of improved land in farms. It also gives the percentage of the land area in farms, the percentage of farm land improved, and the percentage of increase during each decade in the number of farms and in the land in farms:

CENSUS YEAR.	Population.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land improved.
		Number.	Per cent of increase.	All land.		Improved land (acres).		
				Acres.	Per cent of increase.			
1910.....	204,354	9,227	58.8	1,246,613	-35.6	350,173	1.7	28.1
1900.....	123,631	5,809	307.4	1,935,327	49.2	264,521	2.7	13.2
1890.....	88,243	1,426	88.9	1,297,033	856.7	104,128	1.8	8.0
1880.....	40,440	767	345.9	135,673	521.7	56,071	0.2	41.4
1870 ²	9,658	172	.....	21,807	.....	14,685	.....	60.9

¹ A minus sign (-) denotes decrease.

² No data prior to 1870. Organized as a territory in 1863.

In the 40 years since 1870 the population has increased from 9,658 to 204,354, or twentyfold. The increase was much greater during the last 20 years than during the preceding 20 years. There has been a continuous increase in the number of farms during the entire 40-year period, the greater part of which has taken place since 1890.

The land surface of Arizona is approximately 72,838,400 acres, of which 1,246,613 acres, or 1.7 per cent, are included in farms. Of this area in farms, 350,173 acres, or 28.1 per cent, representing five-tenths of 1 per cent of the total land area, are reported as improved land. The total acreage of farm land decreased 688,714, or 35.6 per cent, during the last decade. This was owing to the presence in 1900 of several very large ranches, including one of nearly 1,000,000 acres, which were not reported in 1910. These ranches were mainly in Coconino and Navajo Counties. In Graham County a considerable amount of railroad land which in 1900 was leased for grazing purposes has been added to the forest reserves. Outside of these three counties in which the great losses in acreage occurred, there was an increase in farm acreage from 1900 to 1910 of 437,455, or 72.7 per cent. The reported acreage of improved land increased

95,652 acres, or 37.6 per cent, and now represents 28.1 per cent of all farm land, as compared with 13.2 per cent in 1900. From 1870 to 1900 the total farm acreage increased rapidly, advancing from 21,807 in 1870 to 1,935,327 in 1900, although, as already noted, there was a considerable falling off between 1900 and 1910, while the reported improved acreage increased continuously throughout the period covered by the table from 14,585 in 1870 to 350,173 in 1910.

Values of farm property: 1870 to 1910.—The agricultural changes in Arizona since 1870, as reflected in the values of the several classes of farm property, are shown in the table which follows:

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1910.....	\$75,123,970	150.5	\$47,285,310	245.6	\$1,787,790	133.6	\$26,050,870	67.6
1900.....	29,993,847	45.3	13,682,960	89.5	765,200	289.3	15,545,687	17.5
1890.....	20,646,263	366.3	7,222,230	540.3	196,580	121.3	13,227,453	311.9
1880.....	14,427,740	1,600.7	1,127,946	773.9	88,811	452.2	13,210,989	2,087.5
1870 ²	260,353	.....	129,072	.....	16,084	.....	115,197	.....

¹ Includes estimated value of range animals.

² Computed gold values, being 80 per cent of the currency values reported.

³ No data prior to 1870. Organized as a territory in 1863.

The total wealth of Arizona in the form of farm property is \$75,124,000, of which \$47,285,000, or 62.9 per cent, is represented by land and buildings; \$26,051,000, or 34.7 per cent, by live stock; and \$1,788,000, or 2.4 per cent, by implements and machinery. At each census from 1880 to 1900, inclusive, the value of live stock was greater than the value of land and buildings. Although the increase in the total value of farm property was continuous throughout the past four decades, it was much greater from 1880 to 1890 than for the preceding or succeeding decade. The increase between 1900 and 1910, however, was greater than that for any other decade, being over one and one-half times the total value reported in 1900.

Average acreage and values per farm: 1870 to 1910.—The changes which have taken place during the past 40 years in the average acreage of Arizona farms and in the average values of the various classes of farm property, as well as in the average value per acre of land and buildings, are shown in the following table:

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. ¹				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	135.1	\$8,142	\$5,125	\$194	\$2,823	\$37.93
1900.....	333.2	5,163	2,355	132	2,676	7.07
1890.....	909.6	14,478	5,065	138	9,276	5.57
1880.....	176.8	5,773	1,471	116	3,186	8.32
1870 ²	126.8	1,514	750	94	670	5.92

¹ Averages are based on "all farms."

² Includes estimated value of range animals.

³ Computed gold values, being 80 per cent of the currency values reported.

⁴ No data prior to 1870. Organized as a territory in 1863.

One of the striking characteristics of Arizona is the great area of arid land utilized, if at all, for grazing purposes only. Upon this land are some very large farms or ranches, which raise the average acreage per farm and lower the average value of all farm land per acre. The farms other than those used almost exclusively for grazing purposes are not, on the average, unusually large.

During the 40 years since 1870 the reported average size of the Arizona farm has fluctuated greatly. The average size for 1870, 126.8 acres, was not greatly below that for 1910, but in 1890 it was 909.6 acres, or over five times as great as in 1880 and over seven times as great as in 1870. Since 1890 there has been a rapid decrease, the average size in 1910 being but 135.1 acres.

The average value of an Arizona farm, including its equipment, is \$8,142, of which \$5,125 represents the value of land and buildings, \$2,823 the value of live stock, and \$194 the value of implements and machinery. The average value of land and buildings is \$37.93 per acre, or more than five times as great as it was 10 years ago. Although the average value per acre was much greater in 1910 than in any other year shown in the table, the average value per farm of all farm property has fallen below the figure for 1890 by \$6,336, or 43.8 per cent. The average value per farm of land and buildings in 1910 was but \$60 greater than in 1890. The increase in the value of implements and machinery per farm has been nearly continuous. This increase, however, is quite small, amounting to only \$100 for the entire 40-year period. The value of live stock per farm after rapid increases from 1870 to 1890, at which time it was \$9,276, fell off \$6,600 during the next decade, being only \$2,676 in 1900. Between 1900 and 1910, however, a gain of \$147 per farm was reported.

Farm tenure: 1880 to 1910.—The following table shows the distribution of the farms according to character of tenure at each census since 1880:

TENURE.	1910	1900	1890	1880
	Number of all farms.....	9,227	5,809	1,426	767
Farms operated by owners and managers.	8,366	5,320	1,313	666
Farms consisting of owned land only.....	7,759	4,794	(1)	(1)
Farms consisting of owned and hired land.....	444	191	(1)	(1)
Farms operated by managers.....	163	335	(1)	(1)
Farms operated by tenants.....	861	489	113	101
Share tenants.....	272			
Share-cash tenants ²	18	189	62	59
Cash tenants.....	466			
Tenure not specified ³	105	300	51	42
Per cent of farms operated by—				
Owners and managers.....	90.7	91.6	92.1	86.8
Tenants.....	9.3	8.4	7.9	13.2
Share and share-cash.....	3.1	3.3	4.3	7.7
Cash and nonspecified.....	6.2	5.2	3.6	5.5

¹ Not reported separately.

² Share-cash tenants were doubtless largely included with share tenants in 1900, 1890, and 1880.

³ Prior to 1910 nonspecified tenants were included with cash tenants.

The number of farm operators is 9,227, of whom 8,203 are classified as owners, 163 as managers, and 861 as tenants. Of the owners, 7,759 operate exclusively land

owned by them, while 444 operate land which they rent in addition to that which they own. The tenants are further distributed according to the character of their tenancy; thus 272 are share tenants, 18 share-cash tenants, 466 cash tenants; and for 105 no report relative to character of tenure was secured.

During the past decade the number of tenant farms increased from 489 to 861, representing an increase of 372, as compared with an increase of 3,046 in the farms operated by owners and managers, the latter, however, being the smaller relative increase. In 1880 the number of tenant farms was 101 and in 1890 it was 113, although the total number of farms had about doubled. Thus the proportion of tenant farms fell from 13.2 per cent in 1880 to 7.9 per cent in 1890; in 1900, however, it had increased to 8.4 per cent and in 1910 to 9.3 per cent. The percentage in 1910 was low in comparison with that for the Mountain and Pacific divisions combined (14), and lower still in comparison with that for the United States as a whole (37). This small proportion of tenant farms represents, however, a usual condition in newly settled portions of the United States.

In order to compare the figures for 1910 with those for earlier censuses, it is necessary to group the share-cash tenants with the share tenants, and those with tenure not specified with the cash tenants. Throughout the period from 1880 to 1910 the latter class has constituted an increasing proportion of all tenants. In 1910, 6.2 per cent of the total number of farm operators belonged to this group, as compared with a corresponding percentage of 3.1 for the share and share-cash group.

The following table shows the total and improved acreage and the value of land and buildings for farms operated by owners (including part owners), managers, and tenants, respectively:

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	1,246,613	1,935,327	350,173	254,521	\$47,285,310	\$13,682,960
Owners.....	874,914	523,117	254,439	195,733	33,190,011	9,125,830
Managers.....	264,768	1,354,854	35,871	27,640	5,800,694	3,235,090
Tenants.....	106,901	57,356	59,863	31,148	8,288,005	1,318,990

The following table shows the per cent distribution by tenure groups of the items in the preceding table, and also of the number of farms:

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	88.9	85.8	70.2	27.0	72.7	76.0	70.2	66.7
Managers.....	1.8	5.8	21.2	70.0	10.2	10.9	12.3	23.7
Tenants.....	9.3	8.4	8.6	3.0	17.1	12.2	17.5	9.6

It will be seen that, in 1910, 70.2 per cent of all land in farms was in farms operated by their owners (including part owners), 21.2 per cent in farms operated by managers, and 8.6 per cent in farms operated by tenants, the percentages for owners and for tenants being higher and that for managers much lower than in 1900.

As shown by the next table, the average size of farms operated by managers in 1910 (1,624.5 acres) was about thirteen times as great as that of farms operated by tenants (124.2 acres), which was in turn larger than that of farms operated by owners (106.7 acres). The average size of farms operated by owners and by tenants increased between 1900 and 1910, while that of farms operated by managers decreased decidedly. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for those operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.				Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	135.1	333.2	33.0	43.8	28.1	13.2	\$5,125	\$2,355	\$37.93	\$7.07
Owners.....	106.7	104.9	31.0	39.3	29.1	37.4	4,047	1,831	37.94	17.45
Managers.....	1,024.5	4,044.3	220.1	82.5	13.5	2.0	35,587	9,668	21.91	2.39
Tenants.....	124.2	117.3	69.5	63.7	56.0	54.3	9,026	2,697	77.53	23.00

Farm mortgages: 1890 to 1910.—The Eleventh Census (1890) was the first to collect data relating to mortgage debt on farms. The basis of the returns was the "farm home" occupied by its owner. The same class of information was secured by the population schedules of the Twelfth Census (1900). The agricultural schedules of the Thirteenth Census (1910) secured practically the same information, except that the basis was "owned farms" instead of "owned farm homes"—a difference involving, however, no appreciable incomparability.

The following table relates to farms operated by persons owning all or part of the land, and shows for 1910 (1) the number of such farms reported as free from mortgage; (2) the number reported as mortgaged; and (3) the number for which no mortgage reports were secured. Comparable items are included for 1900 and 1890.

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	8,203		6,452		1,842	
Free from mortgage.....	7,038	87.1	5,924	94.0	1,716	93.2
Mortgaged.....	1,043	12.9	380	6.0	126	6.8
Unknown.....	122		148			

¹ Includes all farms owned in whole or in part by the operator.

² The 122 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.

³ Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 8,203. Of this number

7,038 were reported as free from mortgage; 1,043 were reported as mortgaged; and for 122 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 12.9 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained, a proportion about double those for 1900 and 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1910 the number free of mortgage has increased much more than the number mortgaged.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 1,043 farms reported as mortgaged, 883 are wholly owned by the farmers, and for 813 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included for 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding the amount of mortgage debt were not obtained in 1900.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 ¹	1890 ²	Amount.	Per cent.
Number.....	813	126		
Value—Land and buildings.....	\$8,695,498	\$556,379		
Amount of mortgage debt.....	\$2,253,252	\$225,628		
Per cent of debt to value.....	25.9	40.6		
Average value per farm.....	\$10,696	\$4,416	\$6,280	142.2
Average debt per farm.....	\$2,772	\$1,791	\$981	54.8
Average equity per farm.....	\$7,924	\$2,625	\$5,299	201.9

¹ Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.

² Includes all owned farm homes, estimates being made of value of farms and amount of debt for all defective reports.

The average debt of mortgaged farms increased in the 20 years covered by the table from \$1,791 to \$2,772, or 54.8 per cent, while the average value of such farms rose from \$4,416 to \$10,696, or 142.2 per cent. Thus the owner's equity increased from \$2,625 to \$7,924, or 201.9 per cent. As a result of the greater relative

increase in farm values than in farm debt, the mortgage indebtedness, which was 40.6 per cent of the value of the mortgaged farm in 1890, was 25.9 per cent of this value in 1910.

Farms by size groups: 1910 and 1900.—The following table shows the distribution of farms by size groups at the censuses of 1910 and 1900:

SIZE GROUP.	NUMBER OF FARMS.		INCREASE.		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
					1910	1900
Total.....	9,227	5,809	3,418	58.8	100.0	100.0
Under 3 acres.....	1,505	814	781	95.9	17.3	14.0
3 to 9 acres.....	912	718	194	27.0	9.9	12.4
10 to 19 acres.....	839	506	333	65.8	9.1	8.7
20 to 49 acres.....	1,477	922	555	60.2	16.0	15.9
50 to 99 acres.....	820	674	146	21.7	8.9	11.6
100 to 174 acres.....	2,591	1,581	1,010	63.9	28.1	27.2
175 to 259 acres.....	233	143	120	83.9	2.9	2.5
260 to 499 acres.....	494	268	226	84.3	5.4	4.6
500 to 999 acres.....	164	112	52	40.4	1.8	1.9
1,000 acres and over.....	72	71	1	1.4	0.8	1.2

More than one-fourth of all the farms in Arizona are from 100 to 174 acres in size, and about one-sixth from 20 to 49 acres, these two groups combined, which include the 160-acre and the 40-acre farms, containing over two-fifths of all. A study of the distribution of farms by size groups discloses the fact that of the groups in the table given above the greatest absolute gain, 1,010, was in those from "100 to 174 acres" in size. The greatest relative gain was made in those of less than 3 acres; but it should be noted that this group is composed mainly of ranges or ranches for which no acreage reports were given, and not of farms actually under 3 acres in size. Although all groups show increases in number of farms, that comprising the farms of 1,000 acres and over increased by only a single farm.

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 3,346), and also the farms of between 175 and 499 acres (numbering 757):

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
					1910	1900
Total.....	1,246,613	1,935,327	350,173	254,521	\$47,285,310	\$13,682,960
Under 20 acres.....	15,496	12,830	14,367	11,437	2,628,278	669,390
20 to 49 acres.....	46,757	29,530	37,271	23,057	5,824,965	1,350,490
50 to 99 acres.....	59,047	49,856	38,273	31,722	6,862,640	1,376,080
100 to 174 acres.....	399,210	241,983	95,442	77,202	12,157,575	3,745,080
175 to 499 acres.....	225,491	125,102	79,533	53,196	10,120,344	2,401,100
500 to 999 acres.....	112,612	76,114	37,001	29,432	3,875,652	1,545,280
1,000 acres and over.....	388,000	1,399,912	48,186	28,425	6,822,861	2,538,580

The next table shows the per cent distribution, by size groups, of the items presented in the preceding table, and also of the number of farms.

Of the total farm acreage of the state in 1910, 32 per cent was in farms of 100 to 174 acres, and 31.1 per cent in farms of 1,000 acres and over, these two being from the standpoint of aggregate acreage the most

important size groups. The most noteworthy change between 1900 and 1910 was the decided decrease in the proportion of the total acreage which was in farms of 1,000 acres and over, offset by increases in the proportion in every other size group, the greatest increase being for farms of 100 to 174 acres.

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	36.3	35.1	1.2	0.7	4.1	4.5	5.5	4.9
20 to 49 acres.....	16.0	15.9	3.8	1.5	10.6	9.1	12.3	9.9
50 to 99 acres.....	8.9	11.6	4.7	2.6	10.9	12.5	12.4	11.6
100 to 174 acres.....	28.1	27.2	32.0	12.5	27.3	30.3	25.7	27.4
175 to 499 acres.....	8.2	7.1	18.1	6.5	22.7	20.9	21.4	18.0
500 to 999 acres.....	1.8	1.9	9.0	3.9	10.6	11.9	8.2	9.8
1,000 acres and over.....	0.8	1.2	31.1	72.3	13.8	11.2	14.4	18.6

In general, as shown by the next table, the percentage of farm land improved diminishes as the size of the farms increases. For this reason and also because buildings have normally a higher value in proportion to farm acreage on small than on large farms, the average value of land and buildings per acre of land in general also diminishes with the increase in the size of the farms. The one exception is in the farms of 100 to 174 acres, which have a lower proportion of improved land and a lower value of land and buildings per acre than the farms in any other size group, except that of 1,000 acres and over.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	1910	1900	Per farm.		Per acre.	
			1910	1900	1910	1900
Total.....	28.1	13.2	\$5,125	\$2,355	\$37.93	\$7.07
Under 20 acres.....	92.7	89.1	784	327	169.29	51.94
20 to 49 acres.....	79.7	78.1	3,944	1,465	124.58	45.73
50 to 99 acres.....	64.8	63.6	7,150	2,338	99.29	31.61
100 to 174 acres.....	23.9	31.9	4,692	2,369	30.45	15.48
175 to 499 acres.....	35.3	42.5	13,369	5,988	44.88	19.67
500 to 999 acres.....	32.9	38.7	23,020	12,011	34.40	17.67
1,000 acres and over.....	12.4	2.0	94,762	35,755	17.58	1.81

Color and nativity of farmers: 1910.—Prior to the Thirteenth Census no attempt was made to secure information on the farm schedules concerning the nativity of farmers. The table which follows shows the color and nativity of farm operators by character of tenure for 1910:

COLOR AND NATIVITY.	FARM OPERATORS.								
	Total.			Own-ers.	Ten-ants.	Man-agers.	Per cent of total.		
	Num-ber.	Per cent dis-tribu-tion.	Own-ers.				Ten-ants.	Man-agers.	
Total.....	9,227	100.0	8,203	861	163	88.9	9.3	1.8	
Native white.....	5,218	56.6	4,410	683	125	84.5	13.1	2.4	
Foreign-born white.....	3,806	8.7	644	135	27	79.9	16.7	3.3	
Negro and other non-white.....	3,203	34.7	3,149	43	11	98.3	1.3	0.8	

Of the Arizona farmers, 56.6 per cent were native whites and 8.7 per cent foreign-born whites; 3,203, or 34.7 per cent, were nonwhites, 3,159 being Indians; 27, Chinese; 12, negroes; and 5, Japanese. Among the native white farmers, 13.1 per cent were tenants and 2.4 per cent managers; among the foreign-born whites,

16.7 per cent were tenants and 3.3 per cent managers. Of the 806 foreign-born white farmers in Arizona, in 1910, 116 were born in Germany, 95 in England, 86 in Canada, and 51 in Denmark. Other European countries were represented by a total of 252 farmers, and non-European countries, other than Canada, by 206.

DOMESTIC ANIMALS, POULTRY, AND BEES.

Domestic animals on farms: 1910.—The census of 1910 was taken as of April 15 and that of 1900 as of June 1. Since a great many domestic animals are born during the six weeks between April 15 and June 1, and on the other hand a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not closely comparable, and the same is true in somewhat less degree of the values. For this reason the figures for 1900 are not presented in this bulletin, but in the general reports of the census the figures for the several states will be presented and the extent to which their comparability is affected by the change in the date of enumeration will be discussed.

Of the total number of farms enumerated, 8,790, or 95.3 per cent, report domestic animals of some kind, the number without any domestic animals being only 437.

Of all farms, cattle are reported by 67.5 per cent, "dairy cows" by 43.4 per cent, and "other cows" by 32.8 per cent. The number of cows not kept for dairy purposes is, however, more than thirteen times as great as that of "dairy cows." The average number of "dairy cows" per farm reporting is only 7, while the average number of "other cows" per farm reporting that class is about 127.

All classes of cattle except calves increased considerably during the decade. The census of 1900 was taken as of June 1, after all the spring calves were born, while that of 1910 was taken as of April 15, before the close of the calving season and when the calves on hand were on the average younger than at the enumeration of 1900. As a result, the calves enumerated were fewer in number and of lower average value in 1910 than in 1900, the number decreasing from 135,181 to 57,887 and the average value decreasing from \$8.38 to \$7.02.

Horses are reported by 90.1 per cent of all the farms. It is noteworthy that 30.8 per cent report colts born in 1909 and 20.5 per cent report spring colts. The average value of mature horses is nearly three times that reported in 1900. Mules are reported by only 12.9 per cent of the farms, the number of this class of animals being equal to only 4 per cent of the total number of horses. The average value of mature mules is more than twice that of horses.

Sheep and lambs are reported from only 1,627 farms, or 17.6 per cent of all farms. Of these farms, 81.9 per cent report spring lambs, the number of the latter being equal to 41.2 per cent of the number of ewes. Ewes are reported from all but 11 of the farms reporting

sheep, and for the farms reporting the average is 466 ewes per farm. The average flock, excluding spring lambs, numbers 563, while in 1900 it numbered 1,110.

The following table summarizes the statistics of domestic animals for the state recorded as of April 15, 1910. Cattle and sheep are divided into age and sex groups, while horses, mules, and swine are presented by age groups only.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	8,790	95.3	.....	\$24,370,530	.....
Cattle.....	6,225	67.5	824,929	14,624,708	\$17.73
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	4,000	43.4	28,862	1,273,076	44.11
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	3,025	32.8	384,091	6,742,626	17.55
Heifers born in 1909.....	3,418	37.0	93,113	1,287,024	13.82
Calves born after Jan. 1, 1910.....	3,400	36.8	57,887	406,341	7.02
Steers and bulls born in 1909.....	2,426	26.3	86,554	1,279,161	14.78
Steers and bulls born before Jan. 1, 1909.....	1,647	17.8	91,575	2,078,490	22.70
Unclassified.....	710	7.7	82,847	1,557,990	18.81
Horses.....	8,309	90.1	99,578	4,209,726	42.28
Mares, stallions, and geldings born before Jan. 1, 1909.....	7,668	83.1	74,788	3,681,406	40.22
Colts born in 1909.....	2,843	30.8	11,278	256,106	22.71
Colts born after Jan. 1, 1910.....	1,891	20.5	5,775	79,422	13.75
Unclassified.....	664	7.2	7,789	192,702	24.91
Mules.....	1,194	12.9	3,963	399,449	100.79
Mules born before Jan. 1, 1909.....	1,102	11.0	3,507	379,905	108.33
Mule colts born in 1909.....	160	1.7	338	17,167	50.79
Mule colts born after Jan. 1, 1910.....	58	0.6	118	2,377	20.14
Asses and burros.....	1,338	14.5	7,104	73,092	10.29
Swine.....	1,681	18.2	17,208	113,714	6.61
Hogs and pigs born before Jan. 1, 1910.....	1,383	15.0	10,422	91,479	8.78
Pigs born after Jan. 1, 1910.....	727	7.9	6,786	22,235	3.28
Sheep.....	1,627	17.6	1,226,733	4,400,514	3.59
Ewes born before Jan. 1, 1910.....	1,616	17.5	762,413	3,031,764	4.03
Rams and wethers born before Jan. 1, 1910.....	1,362	14.8	164,187	635,520	3.87
Lambs born after Jan. 1, 1910.....	1,332	14.4	310,133	733,230	2.36
Goats.....	911	9.9	246,617	555,327	2.25

Of all farms, 18.2 per cent report swine, the average number being 10 per farm reporting. Only 7.9 per cent of all farms report spring pigs, which is due largely no doubt to the early date of enumeration. The average value of the swine reported under the head of "hogs and pigs born before January 1, 1910," is \$8.78.

Poultry on farms: 1910 and 1900.—The following table gives the numbers of the various kinds of poultry reported in 1910 and 1900, together with their value and the number of farms reporting each kind in 1910:

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	Number of fowls.
	Number.	Per cent of all farms.			
Total.....	5,040	54.6	238,762	\$1,545,988	174,072
Chickens.....	5,020	54.4	252,657	164,327	165,200
Turkeys.....	836	9.1	5,498	12,507	6,043
Ducks.....	295	3.2	1,824	1,397	2,439
Geese.....	87	0.9	701	1,365	840
Guinea fowls.....	107	1.2	461	365	(1)
Pigeons.....	124	1.3	3,568	830	(2)
Ostriches.....	13	0.1	4,028	1,365,000	450
Peafowls.....	5	0.1	25	175	(2)

¹ Included with chickens.

² Not reported.

The increase in the number of fowls, exclusive of ostriches, on Arizona farms during the last decade amounts to 90,212, or 51.7 per cent, while the corresponding increase in value is \$100,000, or 124 per cent. The number of farms reporting poultry increased from 3,304 to 5,040, or 52.5 per cent. Thirteen farms report ostriches, the number reported being 4,028 and their value \$1,365,000, or an average of \$338.88. In 1900, 450 ostriches were reported, with a value of \$22,500, or an average of \$50 per fowl. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

Bees on farms: 1910 and 1900.—The number of farms reporting bees has decreased from 489 in 1900 to 441 in 1910, or 9.8 per cent. The number of colonies of bees increased from 18,991 to 23,770, or 25.2 per cent, and their value increased from \$66,603 to \$104,374, or 56.7 per cent. The average value of bees per farm reporting was \$136.20 in 1900 and \$236.68 in 1910. About one farm in every twenty reports bees.

Domestic animals not on farms: 1910.—Statistics for domestic animals not on farms are shown below.

LIVE STOCK PRODUCTS.

The returns for live stock products obtained at the census of 1910, like those for crops, relate to the activities of the calendar year 1909. It is impossible to give a total representing the annual production of live stock products for the reason that, as shown elsewhere, the total value of products from the business of raising domestic animals for use, sale, or slaughter can not be calculated from the census returns. Even if this value could be ascertained and were added to the value of the crops the sum would not correctly represent the total value of farm products, because, as already more fully explained, duplication would result from the fact that part of the crops are fed to the live stock.

Dairy products: 1909 and 1899.—The number of farms reporting dairy cows on April 15, 1910, was 4,000, but

No provision was made by law to secure data pertaining to poultry and bees not on farms. In the next table age groups are omitted for the sake of brevity, but it may be noted that a comparatively small proportion of the animals of each class are in the younger age groups.

As would be expected, horses are the most important class of domestic animals not on farms, both in number and in value; goats rank next in importance when number is considered, while cattle (including dairy cows) rank next in value.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	5,153		\$1,502,564	
All cattle.....	1,222	8,520	203,017	\$23.80
Dairy cows.....	1,030	2,150	97,206	45.21
Horses.....	4,374	15,031	1,121,618	74.62
Mules.....	290	1,321	102,976	123.37
Asses and burros.....	643	2,878	27,270	9.48
Swine.....	224	1,304	15,083	11.57
Sheep.....	31	1,131	2,817	2.49
Goats.....	115	12,779	20,783	2.33

Domestic animals on farms and not on farms: 1910.—The following table gives the total number and value of domestic animals, distinguishing those on farms from those not on farms:

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....		\$25,939,094		\$24,376,530		\$1,562,564
All cattle.....	833,459	14,827,725	824,929	14,624,708	8,520	203,017
Dairy cows.....	31,012	1,370,282	28,862	1,273,076	2,150	97,206
Horses.....	114,609	5,331,344	99,578	4,206,726	15,031	1,121,618
Mules.....	5,284	562,425	3,993	309,449	1,321	102,976
Asses and burros.....	9,982	100,362	7,104	73,092	2,878	27,270
Swine.....	18,512	128,797	17,208	113,714	1,304	15,083
Sheep.....	1,227,864	4,403,331	1,226,733	4,400,514	1,131	2,817
Goats.....	259,396	585,110	246,617	555,327	12,779	20,783

The total value of all domestic animals in the state in 1910 was \$25,939,000, of which the value of animals not on farms constituted 6 per cent.

only 2,734 reported dairy products in 1909. That there should be this difference is not surprising. Doubtless some farmers who had dairy cows in 1910 had none in 1909, while other farmers neglected to give information for the preceding year, or were unable to do so, perhaps because the farm was then in other hands. Dairy products in general are somewhat less accurately reported than the principal crops. This is particularly the case as regards the quantity of milk produced. The number of farms which made any report of milk produced during 1909 was 2,333 (somewhat less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 17,668. The amount of milk reported was 6,882,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an

average of 389 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk, cream, and butter fat sold and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$909,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

About one-half of the milk reported as produced by Arizona farmers in 1909 was sold as such. In addition, considerable quantities of milk and cream were sold as butter fat. The butter made on farms in 1909 was valued at \$105,000.

The following table shows the principal statistics relative to dairy products in 1909, with certain comparative statistics for 1899:

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	4,000	43.4	28,862	Head..	.....	.....
On farms reporting dairy products in 1909.....	2,734	29.6	22,667	Head..	.....	.....
On farms reporting milk produced in 1909.....	2,333	25.3	17,668	Head..	.....	.....
Specified dairy products, 1909:						
Milk reported.....			6,881,608	Gals..	.....	.....
Butter made.....	1,566	17.0	325,980	Lbs...	\$105,347	\$0.32
Cheese made.....	97	1.1	60,690	Lbs...	9,115	0.15
Milk sold.....	518	5.6	3,347,723	Gals..	573,095	0.17
Cream sold.....	57	0.6	37,744	Gals..	37,280	0.99
Butter fat sold.....	286	3.1	665,850	Lbs...	184,574	0.28
Butter sold.....	453	4.9	120,851	Lbs...	39,524	0.33
Cheese sold.....	53	0.6	50,181	Lbs...	7,337	0.15
Total receipts from sales, 1909.....					842,210	.....
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					909,411	.....
Specified dairy products, 1899:						
Butter made.....	1,234	21.2	370,311	Lbs...	.....	.....
Cheese made.....	38	0.7	33,305	Lbs...	.....	.....
Butter sold.....			208,974	Lbs...	62,168	0.25
Cheese sold.....			26,635	Lbs...	3,960	0.15

Comparisons are made between 1909 and 1899 for but few of the census items relating to dairy products, for the reason that in 1899 estimates were made for farms with incomplete reports, which was not done at the census of 1910. The figures for milk produced and milk sold are particularly affected, but those for butter and cheese are approximately comparable. The table shows a material decrease between 1899 and 1909 in the amount of butter made, and a decided increase in the production of cheese, which, however, is still unimportant.

Wool: 1909 and 1899.—The next table gives statistics as to the production of wool on farms, the figures being partly based on estimates.

The total number of sheep of shearing age in Arizona on April 15, 1910, was 917,000, representing an increase of 37.1 per cent as compared with the number on June 1, 1900 (668,000). The approximate production of wool during 1909 was 919,000 fleeces, weighing 5,504,000 pounds, and valued at \$984,000. Of these totals about 22 per cent represents estimates. The number of fleeces produced in 1909 was 16.1 per cent greater than in 1899. The average weight per fleece in 1909 was 6 pounds, as compared with 4.2 pounds in 1899, and the average value per pound was 18 cents, as compared with 13 cents in 1899.¹

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	1,161	916,000	.....	.....	.....
Wool produced, as reported, 1909.....	680		713,905	4,277,873	\$764,518
On farms reporting sheep April 15, 1910.....	667	705,782	707,391	4,237,926	757,496
On other farms.....	13		6,514	39,947	7,022
Total production of wool (partly estimated):					
1909.....			918,690	5,503,800	983,761
1899.....			791,361	3,852,937	426,518
Increase, 1899 to 1909.....			127,329	2,150,863	557,443
Per cent of increase.....			16.1	64.1	130.8

Goat hair and mohair: 1909 and 1899.—Although 911 farmers reported 246,617 goats and kids on their farms April 15, 1910, only 114 reported the production of goat hair or mohair during 1909. These farmers reported 103,226 fleeces, weighing 246,032 pounds and valued at \$63,120. The importance of the production increased decidedly between 1899 and 1909. Many farmers who have goats do not produce goat hair or mohair, but it is believed that the report is somewhat short of the actual production.

Poultry products: 1909 and 1899.—The total number of fowls on Arizona farms on April 15, 1910, was 269,000. Of the 5,040 farms reporting fowls, 1,810 did not report any eggs produced in 1909, and 1,893 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 1,311,000 dozens, valued at \$399,000. According to the Twelfth Census reports, the production of eggs in 1899 was 820,000 dozens, the value being \$163,000. The latter figures, however, are somewhat in excess of the actual returns at that census, because

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 494 farmers who reported the possession of 210,818 sheep of shearing age on April 15, 1910, without reporting any wool produced in 1909. Probably in a large proportion of cases this failure was due to the fact that they did not have these sheep, or did not occupy the same farm, during the preceding year. The returns of farms reporting wool in 1909 but no sheep of shearing age on April 15, 1910, would partially make up this deficiency, but it is believed that in many cases enumerators, having found that a farm had no sheep in 1910, omitted the inquiry as to wool produced in 1909, and thus missed more or less wool actually produced. It is a fairly safe assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. Statistics for this group of farms are given in the table, and the total wool product, estimated on the basis of the above assumption, is also given.

they include estimates made to cover those cases where the schedules reported fowls on hand without reporting the production of eggs. In order to make the returns for 1909 comparable with those published for 1899 similar estimates have been made, the method of estimate and the justification therefor being substantially the same as in the case of wool. The total production of eggs in 1909, including these estimates, was 1,744,000 dozens, valued at \$531,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 392,000 fowls, valued at \$226,000.

The statement below gives data relative to the production and sale of eggs and poultry:

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	5,040	268,762		
On farms reporting eggs produced in 1909.....	3,230	206,043		
On other farms.....	1,810	62,719		
Eggs produced, as reported, 1909.....	3,302		1,311,134	\$308,995
Total production of eggs (partly estimated):				
1909.....			1,744,081	530,740
1899.....			819,507	163,274
Increase, 1899 to 1909.....			924,574	367,472
Per cent of increase.....			112.8	225.1
Eggs sold, as reported, 1909.....	2,223		820,377	250,488
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	3,147	197,842		
On other farms.....	1,893	70,920		
Poultry raised, as reported, 1909.....	3,286		No. of fowls. 288,771	166,099
Total poultry raised (partly estimated):				
1909.....			392,286	225,640
1899.....			114,884	110,750
Increase, 1899 to 1909.....				95.4
Per cent of increase.....				
Fowls sold, as reported, 1909.....	1,952		134,098	85,277

Honey and wax: 1909.—Although, as noted elsewhere, 441 farms reported 23,770 colonies of bees on hand April 15, 1910, 163 of these farms, with 2,664 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 1,025,282 pounds of honey, valued at \$53,298, and 15,012 pounds of wax, valued at \$3,905; the true totals are doubtless somewhat above these figures.

Sale or slaughter of domestic animals on farms: 1909 and 1899.—The total value of domestic animals sold during the year was \$4,532,000, and that of

animals slaughtered on farms \$316,000, making an aggregate of \$4,847,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year.

The total value of the cattle (including calves) sold during 1909 represented about three-fourths of the total value of animals sold, and the value of sheep sold ranked next in importance.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the total value of those slaughtered during 1899, which amounted, respectively, to \$2,909,000 and \$296,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

The following statement presents statistics relating to the sale or slaughter of domestic animals by Arizona farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Per cent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$4,531,545	
Slaughtered.....				315,552	
Calves:					
Sold.....	659	7.1	7,525	67,136	\$8.92
Slaughtered.....	171	1.9	1,144	9,361	8.18
Other cattle:					
Sold.....	1,988	21.5	146,852	3,305,014	22.51
Slaughtered.....	942	10.2	10,773	220,814	20.60
Horses:					
Sold.....	777	8.4	4,357	255,136	58.56
Mules:					
Sold.....	69	0.7	216	28,752	133.11
Asses and burros:					
Sold.....	26	0.3	69	2,097	30.39
Swine:					
Sold.....	489	5.3	9,780	82,318	8.42
Slaughtered.....	816	8.8	3,299	44,124	13.37
Sheep:					
Sold.....	133	1.4	205,496	749,203	3.65
Slaughtered.....	194	2.1	8,125	26,233	3.23
Goats:					
Sold.....	73	0.8	17,765	41,889	2.36
Slaughtered.....	227	2.5	6,634	15,020	2.26
1899—All domestic animals:					
Sold.....				2,908,745	
Slaughtered.....				296,013	

1 Schedules called for receipts from sales of animals raised on the farms reporting.

CROPS.

Summary: 1909 and 1899.—The next table summarizes the census data relative to all of the farm crops of 1909 and 1899. It includes not only general farm crops, but also flowers and plants, nursery products, and forest products of farms. In comparing one year with the other it should be borne in mind that acreage is on the whole a better index of the general changes or tendencies of agriculture than either the quantity or the value of the crops, since variations in

quantity may be due largely to temporarily favorable or unfavorable climatic conditions, and variations in the value of the crops are largely affected by changes in prices. (See also discussion of "Total value of farm products.")

The total value of crops in 1909 was \$5,497,000. Of this amount, 90.2 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products

(straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which acreage was reported was 190,982, representing 54.5 per cent of the total im-

proved land in farms (350,173 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage for which was not reported.

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.						
	1909	1899	Increase. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.		
			Amount.	Per cent.					Amount.	Per cent.	1909	1899	
All crops.....								\$5,496,872	\$2,472,348	\$3,024,524	122.3	100.0	100.0
Crops with acreage reports.....	190,982	150,781	40,201	26.7	54.5	59.2	4,958,938	2,249,407	2,709,531	120.5	90.2	91.0	
Cereals.....	75,269	53,958	21,311	39.5	21.5	21.2	1,670,853	673,639	897,214	133.2	28.6	27.2	
Other grains and seeds.....	2,301	859	1,532	178.3	0.7	0.3	47,206	14,143	33,063	233.8	0.0	0.6	
Hay and forage.....	102,490	92,674	9,816	10.6	29.3	36.4	2,553,228	1,362,112	1,191,116	87.4	46.4	55.1	
Cotton (including cotton seed).....	19	20	—1	(²)	(²)	(²)	867	814	56	0.5	(²)	(²)	
Sugar crops.....	5,045	183	4,862	2,656.8	1.4	0.1	251,602	6,230	245,372	3,938.0	4.6	0.3	
Sundry minor crops.....	15	123	—108	—87.8	(²)	(²)	495	1,983	—1,488	—75.0	(²)	(²)	
Potatoes and sweet potatoes and yams.....	1,351	677	674	99.6	0.4	0.3	126,695	38,564	88,131	228.5	2.3	1.6	
Other vegetables.....	4,302	2,192	2,110	96.3	1.2	0.9	379,293	136,508	242,785	177.9	6.9	5.5	
Flowers and plants and nursery products.....	24	16	8	(²)	(²)	(²)	15,712	3,149	12,563	399.0	0.3	0.1	
Small fruits.....	76	79	—3	(²)	(²)	(²)	12,987	12,265	722	5.9	0.2	0.5	
Crops with no acreage reports.....							537,934	222,941	314,993	141.3	9.8	9.0	
Seeds.....							156,840	6,958	149,882	2,154.1	2.9	0.3	
Fruits and nuts.....							334,598	4161,596	173,002	107.1	6.1	6.5	
Forest products of farms.....							45,312	48,877	—3,565	—7.3	0.8	2.0	
Miscellaneous.....							1,184	5,510	—4,326	—78.5	(²)	0.2	

¹ A minus sign (—) denotes decrease.

² Per cent not calculated when base is less than 100.

³ Less than one-tenth of 1 per cent.

⁴ Includes value of raisins and other dried fruits, wine, elder, vinegar, etc.

The general character of Arizona agriculture is indicated by the fact that somewhat more than one-fourth (28.6 per cent) of the total value of crops in 1909 was contributed by the cereals, somewhat less than one-half (46.4 per cent) by hay and forage, and less than one-tenth (9.2 per cent) by potatoes and other vegetables. The remainder, representing in value 15.8 per cent of the total, consisted for the most part of fruits and nuts, sugar crops, and seeds.

The total value of the crops in 1909 was 122.3 per cent greater than in 1899, this increase being no doubt due in part to higher prices. There was an increase of 26.7 per cent in the total acreage of crops for which acreage was reported, there being increases in the acreage of every important crop.

The leading crops of Arizona in the order of their importance, as judged by value, are hay and forage, \$2,553,000; barley, \$715,000; wheat, \$410,000; corn, \$294,000; alfalfa seed, \$157,000; oats, \$130,000; and potatoes, \$99,000. It should be noted, however, that some of the crops, statistics for which are reported in other tables, are more important than the last four mentioned above.

Of the total land area, 72,838,400 acres, the crops included in the above table occupy but 181,535 acres, or less than three-tenths of 1 per cent. In total acreage and value the combined cereals rank considerably below hay and forage. Among the cereals barley ranks first in acreage and value, representing about one-half of their total acreage and value. In both acreage and value wheat, corn, and oats follow in the order named.

General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.—The following table presents statistics for 1909 regarding cereals, other

grains and seeds, hay and forage, potatoes, cotton, and sundry minor crops:

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unft.	
Cereals, total.....	75,269	1,878,960	1,878,960	Bu...	\$1,570,853
Corn.....	2,269	15,605	293,664	Bu...	293,847
Oats.....	315	6,807	189,312	Bu...	130,384
Wheat, total.....	1,409	20,028	362,875	Bu...	410,214
Common winter.....	1,220	18,099	324,074	Bu...	366,851
Common spring.....	189	1,929	38,801	Bu...	43,363
Emmer and spelt.....	1	10	67	Bu...	80
Barley.....	983	32,897	1,008,442	Bu...	714,834
Buckwheat.....	1	40	600	Bu...	900
Rye.....	6	21	261	Bu...	239
Kafir corn and milo maize.....	109	801	18,739	Bu...	20,355
Other grains and seeds with acreage report, total¹.....	2,301	19,750	19,750	Bu...	47,206
Dry edible beans.....	776	2,301	18,457	Bu...	44,997
Peanuts.....	20	9	345	Bu...	608
Sorghum-cane seed.....	11	68	855	Bu...	1,308
Seeds with no acreage report, total².....	126	(²)	22,492	Bu...	156,840
Alfalfa seed.....					156,028
Hay and forage, total.....	3,738	102,490	259,750	Tons.	2,553,228
Timothy alone.....	14	120	182	Tons.	1,943
Timothy and clover mixed.....	10	143	259	Tons.	4,984
Clover alone.....	4	119	119	Tons.	1,255
Alfalfa.....	2,179	66,102	104,534	Tons.	1,896,459
Millet or Hungarian grass.....	75	443	791	Tons.	11,683
Other tame or cultivated grasses.....	103	1,745	2,196	Tons.	31,129
Wild, salt, or prairie grasses.....	327	9,514	8,168	Tons.	81,987
Grains cut green.....	990	19,083	29,712	Tons.	368,316
Coarse forage.....	572	3,980	7,762	Tons.	84,003
Root forage.....	7	1,266	15,937	Tons.	71,404
Potatoes.....	634	1,151	97,141	Bu...	99,597
Sweet potatoes and yams.....	139	200	21,206	Bu...	28,938
Cotton.....	2	19	11	Bales.	730
Cotton seed (estimated).....			6	Tons.	137
Sundry minor crops, total ⁴		15			406

¹ Includes small amount of dry peas.

² Includes small amounts of other varieties of grass seeds.

³ The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers and plants, etc.

⁴ Includes small amounts of tobacco and broom corn.

Of the hay and forage crops, alfalfa ranks first, representing about two-thirds and three-fourths, respectively, of the acreage and value of the entire crop. "Grains cut green," "wild, salt, or prairie grasses," and

"coarse forage" rank, respectively, second, third, and fourth in acreage. "Coarse forage" slightly exceeds "wild, salt, or prairie grasses" in value.

Outside of the cereals and hay and forage crops alfalfa seed and potatoes are of the most importance from the standpoint of value. The value of alfalfa seed in 1909 was more than one-fifth as great as that of barley and nearly one and two-thirds as great as that of potatoes.

The fluctuations in the acreages of some of the principal crops during the past 30 years are shown in the following table:

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Barley.	Hay and forage.	Potatoes.
1909.....	15,605	5,807	20,028	32,897	102,490	1,151
1899.....	11,654	1,041	24,377	10,270	92,674	626
1889.....	4,331	1,472	6,225	10,644	27,968	407
1879.....	1,818	20	9,026	12,404	5,559	(1)

¹ Not reported.

The acreage of corn shows a steady increase since 1879. Oats, though showing an increase for the last decade, is relatively very small in acreage. While wheat decreased in acreage during the first decade, it has considerably increased since 1889, the greatest acreage being reported for 1899. Although barley shows a decrease for the first decade, marked increases are recorded for those succeeding.

The acreage of hay and forage has increased during each decade covered by the above table, the largest gain occurring between 1889 and 1899. In the 20 years since 1889 the acreage of potatoes has considerably more than doubled.

The following table shows for 1909 and 1899 the percentage which the farms reporting specified crops represented of all farms, the percentage of improved land devoted to these crops, and the percentage of increase or decrease in the acreage of each crop during the decade, together with the average yields and average values per acre for 1909:

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres, 1899 to 1909. ¹	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899			
	1909	1899	1909	1899			
Corn.....	24.6	28.9	4.5	4.6	33.9	19.1 Bu.	\$18.83
Oats.....	3.4	2.5	1.7	0.6	237.5	32.3 Bu.	22.22
Wheat.....	15.3	22.7	5.7	9.0	-17.8	18.1 Bu.	20.48
Barley.....	10.7	6.5	9.4	6.4	102.2	30.7 Bu.	21.73
Hay and forage.....	40.5	45.4	29.3	36.4	10.6	2.53 Tons.	24.91
Alfalfa.....	23.6	32.4	13.9	24.6	5.6	2.94 Tons.	28.69
Potatoes.....	6.9	4.8	0.3	0.2	89.9	84.4 Bu.	85.66

¹A minus sign (-) denotes decrease.

Out of every 100 farms, 41 report hay and forage; 25, corn; 24, alfalfa; 11, barley; 7, potatoes; and 3, oats. The proportions for oats, barley, and potatoes are higher than in 1899, while those for corn, alfalfa, and hay and forage are smaller.

The six crops shown in the above table cover about 50 per cent of the improved land of Arizona. All hay

and forage, as also alfalfa, show marked decreases in the proportion of improved land occupied. Of the other crops, oats, barley, and potatoes show increases, while corn and wheat show decreases. The increase in the acreages of the cereals for the last 10 years is 21,311, or 39.5 per cent; that in the acreage of hay and forage, 9,816, or 10.6 per cent.

The average value per acre of all cereals combined is \$20.87, oats and barley exceeding this average, corn and wheat falling below it. The average value per acre of hay and forage is greater by \$4.04 than that of the combined cereals, and about three-tenths as great as that of potatoes.

In the acreage of corn a general increase is shown, Navajo County reporting the largest gain. Nearly one-half of the acreage of oats is reported for Apache County. For the remaining crops of any consequence, hay and forage, barley, wheat, and alfalfa seed, Maricopa County reports from 50 to 95 per cent of their total acreages. Hay and forage is grown generally throughout Arizona, but with the exception of Maricopa County increases in its acreage are confined entirely to Apache, Graham, Cochise, Navajo, and Santa Cruz Counties, all located in the eastern part.

Vegetables, flowers and plants, and nursery products: 1909 and 1899.—The table which follows shows details with regard to vegetables (not including potatoes and sweet potatoes and yams, which appear elsewhere), and also with regard to flowers and plants and nursery products:

CROP.	FARMS REPORTING, 1909		ACRES.		VALUE OF PRODUCTS.	
	Number.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	12,404	26.1	4,302	2,192	\$379,293	\$136,508
Farms reporting a product of \$500 or over.....	149	1.6	1,570	.....	184,623	.....
All other farms.....	2,255	24.4	2,732	.....	194,670	.....
Flowers and plants, total.....	7	0.1	6	2	11,177	235
Farms reporting a product of \$250 or over.....	5	0.1	.....	.....	10,977	.....
All other farms.....	2	(2)	.....	.....	200	.....
Nursery products, total.....	11	0.1	18	14	4,535	2,014
Farms reporting a product of \$250 or over.....	3	(2)	.....	.....	3,552	.....
All other farms.....	8	0.1	.....	.....	983	.....

¹ Does not include 732 farms which reported that they had vegetable gardens, but gave no information as to their products.

² Less than one-tenth of 1 per cent.

In 1909 the total acreage of potatoes and other vegetables was 5,653 and their value \$505,988. Excluding (so far as reported separately¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 4,302 and their value \$379,000, both acreage and value being decidedly greater than in 1899. The table distinguishes between farms which make the

¹ It is probable that some of the potatoes and sweet potatoes and yams raised in farm gardens were not reported separately by farmers, but were included in their returns for vegetables.

raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are raised mainly for home consumption. There were in 1909 only 149 farms in the first class, representing more than one-third of the total acreage of vegetables and nearly one-half of the total value, the average acreage per farm for these farms being 10.5 and the average value of products per acre \$117.59.

The raising of flowers and plants and of nursery products is comparatively unimportant in Arizona.

Small fruits: 1909 and 1899.—The following table shows data with regard to small fruits on farms:

CROP.	Number of farms report- ing, 1909	ACRES.		Quantity (quarts), 1909	Value, 1909
		1909	1899		
Small fruits, total		78	79	112,190	\$12,987
Strawberries.....	68	58	60	85,247	10,776
Blackberries and dewberries.....	40	19	9	13,808	1,761
Raspberries and loganberries.....	17	1	2	1,650	250
Currants.....	10	1	2	1,010	111
Gooseberries.....	4	(1)	2	575	90
Other berries.....			4		

¹ Reported in small fractions.

The total production of all small fruits in Arizona in 1909 was 112,000 quarts and in 1899, 129,000 quarts, and the value was \$12,987 in 1909 as compared with \$12,265 in 1899. The most important of the small fruits grown in 1909 were strawberries.

Orchard fruits, grapes, nuts, and tropical fruits: 1909 and 1899.—The following table presents data with regard to orchard fruits, grapes, nuts, and tropical fruits. The acreage devoted to these products was not ascertained. In comparing one year with the other the number of trees or vines of bearing age is on the whole a better index of the general changes or tendencies than the quantity of product, but the data for the censuses of 1910 and 1900 are not closely comparable, and the product is therefore compared, although variations may be due largely to temporarily favorable or unfavorable climatic conditions.

The total quantity of orchard fruits produced in 1909 was 154,000 bushels, valued at \$241,000. Apples contributed about one-half of this quantity, peaches and nectarines most of the remainder. The production of oranges in 1909 amounted to 32,247 boxes, valued at \$52,341; the production of grapes to 838,000 pounds, valued at \$25,371; and that of nuts to 35,834 pounds, valued at \$4,485.

The production of all orchard fruits together in 1909 was 35.8 per cent greater in quantity than in 1899, and that of oranges 190.1 per cent greater, while that of grapes declined. The value of orchard fruits increased from \$96,764 in 1899 to \$241,110 in 1909. It should be noted in this connection that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may therefore involve some duplication, while the values for 1909 relate only to the products in their original condition.

CROP.	TREES OR VINES OF BEARING AGE, 1910		TREES OR VINES NOT OF BEARING AGE, 1910		PRODUCT.		
	Farms report- ing.	Num- ber.	Farms report- ing.	Num- ber.	1909		1899
					Quantity.	Value.	Quantity.
Orchard fruits, total		152,340		116,988	153,885	\$241,110	113,306
Apples.....	822	62,027	965	53,884	72,814	109,395	13,471
Peaches and nectar- ines.....	1,266	51,415	1,030	32,562	50,102	80,325	38,092
Pears.....	745	16,351	824	12,852	13,289	21,331	13,107
Plums and prunes.....	717	12,196	694	7,808	8,420	19,291	3,133
Cherries.....	143	812	252	1,608	3,476	840	40,578
Apricots.....	565	6,665	529	6,992	6,849	10,053	(2)
Quinces.....	209	2,453	202	1,161	1,815	2,805	(2)
Mulberries.....	6	421	8	31	120	100	(2)
Unclassified.....							\$4,015
Grapes	508	131,579	592	84,510	837,842	25,371	1,097,800
Nuts, total		6,639		5,452	45,934	\$4,485	121,000
Almonds.....	155	6,639	90	845	33,759	4,193	116,510
Pecans.....	14	64	39	212	1,075	131	574
Unclassified.....							\$4,200
Tropical fruits, total		51,036		65,195		63,632	
Pomeños (grapefruit).....	12	818	52	2,187	9,820	1,508	633
Dates.....	14	1,210	21	1,509	4,650	00	
Pomegranates.....	29	778	27	247	423,300	477	
Olives.....	57	9,353	73	1,773	426,895	3,073	43,150
Oranges.....	90	33,373	240	56,982	82,247	52,341	11,110
Figs.....	301	3,848	280	2,085	427,081	4,103	404,140
Lemons.....	26	1,652	73	309	1,010	2,034	203

¹ Bushels.

² Included with "unclassified."

³ Consists of products not separately named by the enumerator, but grouped under the designation "all other."

⁴ Pounds.

⁵ Includes Persian or English walnuts, black walnuts, hickory nuts, chestnuts, filberts, and pistachio.

⁶ Boxes.

The following table shows the quantities of the more advanced products manufactured by farmers from orchard fruits and grapes. Values were not called for on the schedule.

PRODUCT.	FARMS REPORTING, 1909		QUANTITY PRODUCED.		
	Num- ber.	Percent of all farms.	Unit.	1909	1899
Cider.....	15	0.2	Gals....	2,771	911
Vinegar.....	36	0.4	Gals....	3,504	913
Wine and grape juice.....	5	0.1	Gals....	8,100	397
Dried fruits.....	31	0.3	Lbs....	7,332	135,270

Forest products: 1909 and 1899.—The census sched- ules for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and tele- phone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910;" and also, in a separate item, for the "amount received from sale of standing timber in 1909." There were 402 farms in Arizona (4.4 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$45,312, as compared with \$48,877 in 1899, a decrease of 7.3 per cent. Of the value in 1909, \$31,301 was reported as that of products used or to be used on the farms them- selves, \$10,971 as that of products sold or for sale, and \$3,040 as the amount received for standing tim- ber.

It should be noted that forest products not produced on farms are not included in this report.

Miscellaneous crops: 1909.—Straw and cornstalks derived as by-products from the production of grain and corn have a considerable value for feed and other purposes. They are, however, mainly consumed on the farms producing them. The Census Bureau made no attempt to ascertain the total quantity or value of these products, but the schedules called for the quantity and value of those sold during the year 1909. The returns show that 11 farmers in Arizona sold, during 1909, 260 tons of straw, for which they received \$1,120.

Sugar crops: 1909 and 1899.—The table following shows data with regard to sugar beets and sorghum cane and also for sugar cane. The total value of sugar beets produced in 1909 was \$237,000, while in 1899 there was no production of sugar beets reported.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Num-ber.	Per cent of all farms.		Amount.	Unit.	Value.
Sugar beets, 1909 ¹	67	0.7	4,443	49,630	Tons...	\$236,997
Sorghum cane:						
Total, 1909 ²						13,886
Cane grown.....	123	1.3	586	1,451	Tons...	
Sirup made.....	49	0.5		3,967	Gals...	3,008
Total, 1899.....						4,882
Cane grown.....	52	0.9	133	953	Tons...	
Cane sold as such.....				41	Tons...	182
Sirup made.....				9,031	Gals...	4,700
Sugar cane:						
Total, 1909.....						719
Cane grown.....	8	0.1	16	55	Tons...	
Sirup made.....	8	0.1		1,040	Gals...	719
Total, 1899.....						\$1,348
Cane grown.....	7	0.1	50	240	Tons...	
Cane sold as such.....	5	0.1		100	Tons...	620
Sirup made.....	2	(*)		438	Gals...	223

¹ Includes beets used as root forage. ³ Includes cane reserved for seed.
² Includes cane used as coarse forage. ⁴ Less than one-tenth of 1 per cent.

SELECTED FARM EXPENSES AND RECEIPTS.

Farm expenses: 1909 and 1899.—The next table shows the number of farms reporting expenditures for labor, feed, and fertilizer at the census of 1910, as well as the sums expended in 1909 and 1899.

EXPENSE.	1909			1899	INCREASE.	
	Farms reporting.		Amount.	Amount.	Amount.	Per cent.
	Number.	Per cent of all farms.				
Labor.....	3,300	35.8	\$2,504,984	\$1,152,670	\$1,352,314	117.3
Feed.....	2,714	29.4	541,371	(¹)		
Fertilizer.....	33	0.4	6,080	2,921	3,159	108.1

¹ Not reported at the census of 1900.

Over one-third of the farmers hire labor, the average amount expended by the farmers hiring being \$759. During the decade the total expenditure for labor increased \$1,352,000, or 117.3 per cent. Nearly one-fifth of the amount reported as expended for labor is in the form of rent and board. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

About three farmers out of every ten report some expenditure for feed, but only 33 farmers report ex-

penditure for fertilizer. The total amount reported as paid for fertilizer has increased \$3,159, or 108.1 per cent, during the decade, the average per farm reporting being \$184.

Receipts from sale of feedable crops: 1909.—An effort was made at the census of 1910 to secure as complete a statement as possible of the sales as well as the production of the more important feedable crops (that is, crops ordinarily fed to live stock). The following table summarizes the data reported:

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Num-ber.	Per cent of all farms.	Amount.	Unit.	
Total.....					\$1,446,838
Corn.....	503	5.5	77,089	Bu.....	68,813
Oats.....	177	1.9	97,310	Bu.....	66,995
Barley.....	642	7.0	586,863	Bu.....	430,346
Hay and coarse forage.....	918	9.9	84,728	Tons...	879,684

While the total amount expended by Arizona farmers for the purchase of feed in 1909 was \$541,000, the total receipts from the sale of feed by those reporting sales amounted to \$1,446,000.

COUNTY TABLES.

Tables 1 to 6, which follow, present by counties the more important agricultural data collected at the Thirteenth Census, 1910.

Table 1 shows the population, number of farms, land and farm area, value of farm property, and number and value of domestic animals and of poultry and bees, as of April 15, 1910. Comparative data for June 1, 1900, are given in italics for certain items.

Table 2 gives the number of farms, the farm acreage, and the value of farm property operated by owners, tenants, and managers, collected as of April 15, 1910. Statistics of farm mortgages are included in this table. (See explanation in text.) Comparative data for June 1, 1900, are given in italics for certain items.

Table 3 gives statistics pertaining to the products of

live stock on farms (dairy products, poultry and eggs, honey and wax, and wool and mohair); also the number and value of domestic animals sold or slaughtered on farms for the year 1909.

Table 4 shows the total value of farm crops and the principal classes thereof, together with the acreage (or trees of bearing age) and production of the principal crops for the crop year 1909.

Table 5 gives statistics relating to selected farm expenses for 1909 and also shows the receipts from the sale of feedable crops.

Table 6 shows the number and value of domestic animals in barns and inclosures not on farms, by classes, together with the number of dairy cows and mature horses and mules, on April 15, 1910.

AGRICULTURE—ARIZONA.

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE, COLOR, AND NATIVITY

[Comparative data for June 1, 1900, in italics.]

Table with columns for The State, Apache, Cochise, Coconino, Gila, Graham, and Maricopa. Rows include Farms Operated by Owners, Farms Operated by Tenants, Farms Operated by Managers, and Mortgage Debt Reports.

1 Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

Table with columns for Live Stock Products (Dairy, Poultry, Honey and Wax, Wool, Mohair, and Goat Hair) and Domestic Animals Sold or Slaughtered (Calves, Cattle, Horses, Mules, Swine, Sheep and Goats).

AGRICULTURE—ARIZONA.

OF FARMERS, AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in italics.]

	Mohave. ¹	Navajo. ¹	Pima. ¹	Pinal. ¹	Santa Cruz.	Yavapai.	Yuma. ¹	Indian res- ervations.
FARMS OPERATED BY OWNERS								
1	Number of farms.....	108	948	351	588	140	425	200
2	Number of farms in 1900.....	<i>31</i>	<i>111</i>	<i>134</i>	<i>175</i>	<i>92</i>	<i>345</i>	<i>110</i>
3	Per cent of all farms.....	97.8	96.5	86.7	95.8	79.5	81.4	90.3
4	Per cent of all farms in 1900.....	<i>91.9</i>	<i>80.4</i>	<i>53.2</i>	<i>73.8</i>	<i>31.4</i>	<i>81.8</i>	<i>33.7</i>
5	Land in farms..... acres.....	8,900	94,254	39,846	35,081	23,825	72,733	30,813
6	Improved land in farms..... acres.....	927	9,984	7,054	10,485	5,170	13,793	11,953
7	Value of land and buildings..... dollars.....	95,165	764,018	1,099,706	1,148,618	610,255	1,235,077	2,220,305
Degree of ownership:								
8	Farms consisting of owned land only.....	108	904	341	584	120	396	240
9	Farms consisting of owned and hired land.....		30	10	4	14	29	20
Color and nativity of owners:								
10	Native white.....	50	247	85	110	121	373	173
11	Foreign-born white.....	15	14	57	16	10	49	33
12	Negro and other nonwhite.....	43	682	209	402		3	54
FARMS OPERATED BY TENANTS								
13	Number of farms.....	1	31	31	18	31	60	23
14	Number of farms in 1900.....	<i>1</i>	<i>73</i>	<i>73</i>	<i>30</i>	<i>70</i>	<i>55</i>	<i>77</i>
15	Per cent of all farms.....	0.9	3.2	7.7	2.9	17.0	13.2	8.0
16	Per cent of all farms in 1900.....	<i>1.0</i>	<i>17.4</i>	<i>29.0</i>	<i>12.7</i>	<i>8.8</i>	<i>8.3</i>	<i>12.8</i>
17	Land in farms..... acres.....	100	9,115	2,439	2,023	2,581	7,183	1,482
18	Improved land in farms..... acres.....	80	1,102	798	1,335	724	2,072	1,043
19	Value of land and buildings..... dollars.....	4,000	76,848	150,040	54,450	70,615	211,410	243,700
Form of tenancy:								
20	Share tenants.....		12	2	0	14	30	5
21	Share-cash tenants.....							
22	Cash tenants.....		10	21	5	17	36	13
23	Tenure not specified.....	1	9	8	7		3	5
Color and nativity of tenants:								
24	Native white.....	1	29	13	17	10	58	19
25	Foreign-born white.....		2	10		18	9	3
26	Negro and other nonwhite.....			8	1	3	2	1
FARMS OPERATED BY MANAGERS								
27	Number of farms.....	2	3	23	8	5	28	5
28	Number of farms in 1900.....	<i>7</i>	<i>5</i>	<i>45</i>	<i>58</i>	<i>11</i>	<i>48</i>	<i>6</i>
29	Land in farms..... acres.....	30	2,220	20,052	5,495	25,468	70,518	260
30	Improved land in farms..... acres.....	20	90	1,752	968	170	2,220	135
31	Value of land and buildings..... dollars.....	9,000	25,500	200,505	150,500	101,800	225,220	43,920
MORTGAGE DEBT REPORTS ²								
For all farms operated by owners:								
32	Number free from mortgage debt.....	107	919	323	573	135	363	203
33	Number with mortgage debt.....	1	20	20	13	3	60	57
34	Number with no mortgage report.....		4	8	2		2	
For farms consisting of owned land only:								
35	Number reporting debt and amount.....	1	11	12	12	3	40	46
36	Value of their land and buildings..... dollars.....	5,000	48,888	223,850	107,850	7,300	255,000	695,700
37	Amount of mortgage debt..... dollars.....	1,000	10,800	60,200	27,370	2,200	82,430	95,950
38	Per cent of value of land and buildings.....	20.0	22.2	25.0	25.4	30.1	32.3	16.1

² No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

LIVE STOCK PRODUCTS								
Dairy Products								
1	Dairy cows on farms reporting dairy products.....	number..	188	2,039	1,144	273	165	407
2	Dairy cows on farms reporting milk produced.....	number..	183	951	610	271	141	447
3	Milk—Produced.....	gallons.....	73,572	181,385	220,700	87,027	17,270	302,125
4	Sold.....	gallons.....	36,095	38,000	186,050	40,000	4,735	101,245
5	Cream sold.....	gallons.....	5,523		1,400			1,095
6	Butter fat sold.....	pounds.....						
7	Butter—Produced.....	pounds.....	1,215	24,823	3,905	2,373	2,050	58,165
8	Sold.....	pounds.....	40	5,775	2,600	300	50	38,982
9	Cheese—Produced.....	pounds.....		1,610	8,055	8,085	1,650	75
10	Sold.....	pounds.....		510	5,335	8,240	1,050	50
11	Value of dairy products, excluding home use of milk and cream.....	dollars.....	11,647	22,848	71,289	10,546	3,245	55,337
12	Receipts from sale of dairy products.....	dollars.....	11,298	17,011	70,252	9,394	2,162	49,421
Poultry Products								
13	Poultry—Raised.....	number.....	1,603	4,680	6,703	14,205	3,307	20,981
14	Sold.....	number.....	374	1,868	2,226	5,944	870	11,305
15	Eggs—Produced.....	dozens.....	2,595	24,091	35,162	34,182	23,218	107,397
16	Sold.....	dozens.....	210	8,021	24,879	16,454	9,312	55,820
17	Value of poultry and eggs produced.....	dollars.....	1,329	9,200	17,864	15,306	10,658	49,471
18	Receipts from sale of poultry and eggs.....	dollars.....	385	3,696	11,219	6,948	4,001	25,152
Honey and Wax								
19	Honey produced.....	pounds.....	6,265	4,550	600	14,968	1,000	31,851
20	Wax produced.....	pounds.....	220	40		26	25	915
21	Value of honey and wax produced.....	dollars.....	630	469	55	853	125	2,437
Wool, Mohair, and Goat Hair								
22	Wool, fleeces shorn.....	number.....		184,669	420	5,090		77,519
23	Mohair and goat hair, fleeces shorn.....	number.....	1,815	2,140	650	4,723	410	30,620
24	Value of wool and mohair produced.....	dollars.....	1,058	203,933	800	8,437	500	114,895
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	Calves—Sold or slaughtered.....	number.....	8	137	301	79	64	1,609
26	Other cattle—Sold or slaughtered.....	number.....	3,193	7,059	3,620	6,535	9,732	21,870
27	Horses, mules, and asses and burros—Sold.....	number.....	55	291	119	107	44	445
28	Swine—Sold or slaughtered.....	number.....	50	253	193	186	47	911
29	Sheep and goats—Sold or slaughtered.....	number.....	100	72,492	1,375	1,225	20	12,357
30	Receipts from sale of animals.....	dollars.....	50,305	394,783	72,432	105,072	101,804	447,620
31	Value of animals slaughtered.....	dollars.....	5,200	32,722	14,114	43,833	14,434	34,126

AGRICULTURE—ARIZONA.

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF,

Table with columns: THE STATE, Apache, Cochise, Coconino, Gila, Graham, Maricopa. Rows include: VALUE OF ALL CROPS (Total, Cereals, Other grains and seeds, Hay and forage, Vegetables, Fruits and nuts, All other crops), SELECTED CROPS (acres and quantity) (Cereals, Other grains, Hay and forage, Special crops), and FRUITS AND NUTS (Orchard fruits, Tropical fruits, Small fruits, Nuts).

TABLE 5.—SELECTED FARM EXPENSES

Table with columns: Labor, Fertilizer, Feed, Receipts from sale of feedable crops. Rows include: Farms reporting, Cash expended, Rent and board furnished, Amount expended, Farms reporting, Amount expended.

AGRICULTURE—ARIZONA.

TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910.

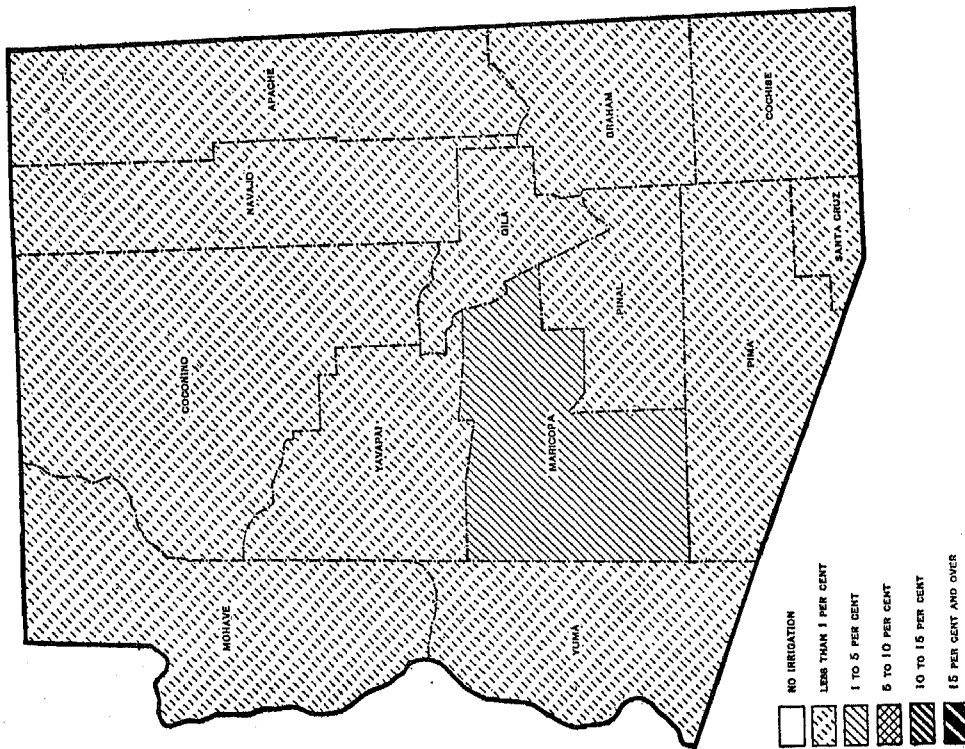
		THE STATE.	Apache.	Cochise.	Coconino.	Gila.	Graham.	Maricopa.
1	Inclusures reporting domestic animals.....	5,153	109	729	106	556	735	1,154
2	Value of domestic animals.....dollars..	1,562,564	21,677	223,643	87,542	234,850	220,147	337,324
Cattle:								
3	Total number.....	8,529	122	1,259	91	2,360	1,258	746
4	Value.....dollars..	203,017	2,001	33,259	3,140	45,258	34,998	21,586
5	Number of dairy cows.....	2,150	57	408	90	200	365	268
Horses:								
6	Total number.....	15,031	251	1,771	517	3,421	1,067	2,897
7	Value.....dollars..	1,121,618	15,275	156,951	53,730	152,191	155,072	283,678
8	Number of mature horses.....	14,032	242	1,702	515	2,897	1,519	2,795
Mules and asses and burros:								
9	Total number.....	4,199	94	548	241	641	1,002	242
10	Value.....dollars..	190,246	1,320	26,141	30,165	19,489	21,397	30,413
11	Number of mature mules.....	1,285	18	164	169	202	115	171
Swine:								
12	Total number.....	1,304	15	268	59	173	230	19
13	Value.....dollars..	15,083	131	3,776	507	1,588	1,468	197
Sheep and goats:								
14	Total number.....	13,910	929	1,577	.....	6,191	3,494	582
15	Value.....dollars..	32,600	2,050	3,516	.....	16,324	6,622	1,550

		Mohave.	Navajo.	Pima.	Pinal.	Santa Cruz.	Yavapai.	Yuma.
1	Inclusures reporting domestic animals.....	90	113	714	80	91	453	223
2	Value of domestic animals.....dollars..	42,645	34,446	114,468	17,222	32,949	131,471	64,180
Cattle:								
3	Total number.....	53	417	292	281	585	647	418
4	Value.....dollars..	1,095	9,269	8,040	4,047	14,237	14,741	9,846
5	Number of dairy cows.....	20	132	119	65	165	171	90
Horses:								
6	Total number.....	471	403	1,455	236	282	1,181	479
7	Value.....dollars..	30,125	23,683	97,272	12,006	16,390	90,145	35,600
8	Number of mature horses.....	460	375	1,418	229	278	1,155	457
Mules and asses and burros:								
9	Total number.....	122	29	317	62	143	504	254
10	Value.....dollars..	7,675	675	7,772	1,069	3,227	23,678	17,225
11	Number of mature mules.....	77	23	72	6	33	111	124
Swine:								
12	Total number.....	180	96	78	6	14	168	19
13	Value.....dollars..	3,760	817	697	100	95	1,613	354
Sheep and goats:								
14	Total number.....	.....	1	17	.....	.....	628	491
15	Value.....dollars..	.....	2	87	.....	.....	1,294	1,155

PER CENT OF TOTAL LAND AREA IRRIGATED, AND PER CENT OF NUMBER OF FARMS IRRIGATED, IN ARIZONA, BY COUNTIES: 1909.

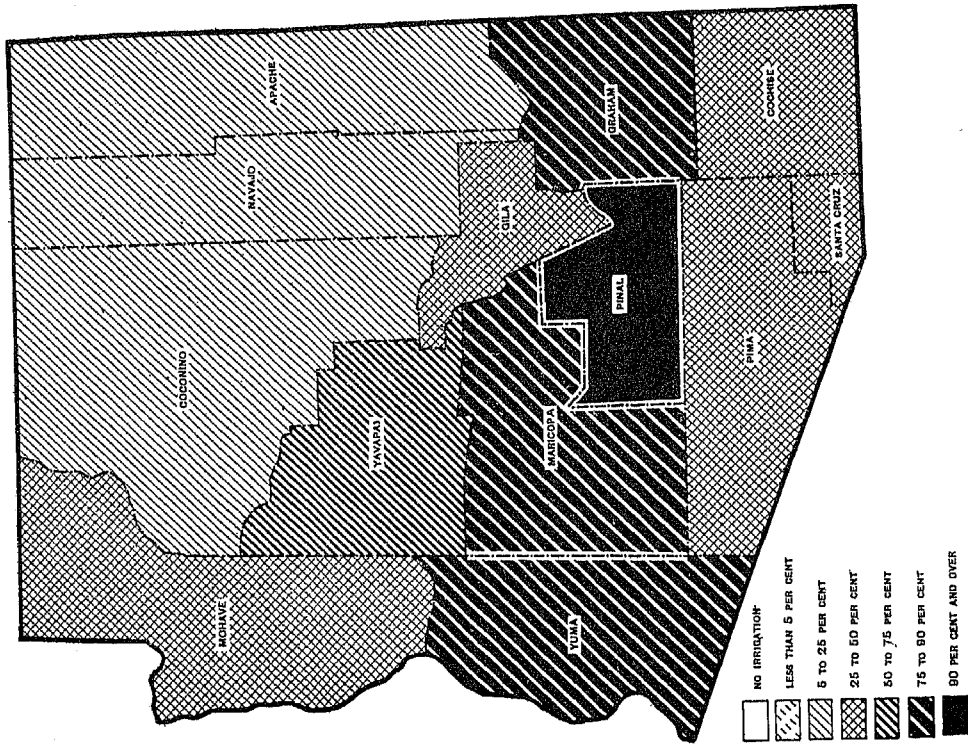
PER CENT OF TOTAL LAND AREA IRRIGATED.

[Per cent for the state, 0.4.]



PER CENT OF NUMBER OF FARMS IRRIGATED.

[Per cent for the state, 52.5.]



ARIZONA.

FARMS AND ACREAGE IRRIGATED.

Arizona is divided into two sections of widely different topographic and climatic characteristics. The northern and northeastern parts form a plateau, broken by mountains of high altitude, while the southern and southwestern parts consist of broad desert plains, broken by nearly parallel mountain ranges, and traversed by the Salt and Gila Rivers, which supply the greater part of the water used for irrigation in the state. In the western half of Arizona the annual precipitation ranges from 1 to 10 inches and in the eastern half from 10 to 25 inches. Irrigation is necessary to the growth of crops in the low valleys, but on the higher plains some crops are grown without it. The location of the irrigated lands of the state is indicated in a general way by the accompanying maps, which show the class in which each county falls with reference to the percentage which the irrigated land forms of the total land area and the percentage

which irrigated farms represent of all farms in the state.

The following table shows for the state as a whole the number of farms and the acreage irrigated in 1909 in comparison with the total number of farms, the total land area, the total land in farms, and the total acreage of improved land in farms in 1910, together with the areas not yet irrigated for which water has been or is being made available. Comparative statistics for the census of 1900 are included as far as possible. The figures in respect to number of farms and acreage irrigated in 1899 do not include the Indian reservations in Arizona, which were not covered by the irrigation report for that year, and therefore these figures are not strictly comparable with the figures for 1909. In computing the increases in these items, however, the totals for Indian Service irrigation in 1909 have, where possible, been eliminated from the figures for that year.

	CENSUS OF—		INCREASE. ¹	
	1910	1900	Amount.	Per cent.
Number of all farms.....	² 9,227	³ 5,809	3,418	58.8
Approximate land area of the state..... acres	72,838,400	72,838,400	—	—
Land in farms..... acres	² 1,246,613	³ 1,935,327	—688,714	—35.6
Improved land in farms..... acres	² 350,173	³ 254,521	95,652	37.6
Number of farms irrigated.....	⁴ 4,841	⁵ 2,981	⁶ 1,185	⁶ 39.8
Acreage irrigated.....	⁴ 320,051	⁵ 185,396	⁶ 115,269	⁶ 62.2
Acreage enterprises were capable of irrigating.....	⁷ 387,655	(⁸)	—	—
Acreage included in projects.....	⁷ 944,090	(⁸)	—	—
Percentage irrigated of—				
Number of all farms.....	52.5	⁶ 73.8	—	—
Approximate land area of the state.....	0.4	⁶ 0.8	—	—
Land in farms.....	25.7	⁶ 9.8	—	—
Improved land in farms.....	91.4	⁶ 81.4	—	—
Excess of acreage enterprises were capable of irrigating in 1910 over acreage irrigated in 1909.....	67,604	—	—	—
Excess of acreage included in projects over acreage irrigated in 1909.....	624,039	—	—	—

¹ A minus sign (—) denotes decrease.

² April 15.

³ June 1.

⁴ In 1909.

⁵ In 1899, exclusive of Indian reservations.

⁶ Based on figures which are exclusive of Indian reservations.

⁷ July 1.

⁸ Not reported.

Number of farms irrigated.—The number of farms given as irrigated in 1909 is made up of the number reported on the supplemental schedules by the regular enumerators, together with an estimate of the number of farms covered by enterprises which were reported by special agents but not by the regular enumerators. This estimate was based upon the average acreage irrigated per farm shown by the supplemental schedules. According to the figures presented in the table, irrigation was practiced on slightly more than one-half (52.5 per cent) of the farms in Arizona in 1909. In 1899 the proportion of irrigated farms among those outside of Indian reservations was 73.8 per cent, while in 1889 it was 75.4 per cent. It is evident that between 1889 and 1899 the number of unirrigated farms increased more rapidly than the number of irrigated farms, while the difference in favor of unirrigated farms has been even more marked during the later decade.

In 5 out of the 13 counties in the state more than half the farms are irrigated, in 3 the proportion is between 40 and 50 per cent, while in 2 it is between 25 and 40 per cent. In the remaining counties—Apache, Navajo, and Coconino—less than one-fourth of the farms are irrigated. These latter counties are in the northeastern portion of the state, where a large percentage of the farms reported are cattle ranches, on which the raising of crops is of secondary importance. Pinal County shows the largest proportion of irrigated farms, 92.8 per cent, and Graham County the next largest, 86.1 per cent.

From 1899 to 1909 the increase in the number of irrigated farms in Arizona, outside of those supplied by Indian Service enterprises, was 39.8 per cent. This percentage of increase was exceeded in five counties, all but one of which are in the southern part of the state, the highest rates of gain being 132.5 per cent in Cochise County, 110 per cent in Yuma County,

and 64.1 per cent in Graham County. In five counties decreases in the number of farms irrigated are shown, while in one county the number of irrigated farms remained the same. For three of the five counties which show decreases in the number of irrigated farms increases in the irrigated acreage were reported, from which fact an increase in the acreage irrigated per farm is apparent.

Acreage irrigated.—The acreage irrigated is taken from the special schedules filled out by agents from information secured from owners or officials of irrigation enterprises and, in some instances, from public records. The acreage thus obtained is considerably larger than the irrigated acreage reported on the supplemental schedules filled out by the farm enumerators. This difference is due in a measure to the fact that the special agents found enterprises which were not reported on any schedules returned by the enumerators, indicating that the acreage reported on the supplemental schedules is to some extent under the true figure. There is a natural tendency, however, for the officials of irrigation enterprises to report as irrigated the entire area of farms of which only a part was irrigated. Furthermore, some farms are so situated as to receive water from more than one enterprise, and may be reported as irrigated by each, which results in duplication. Owing to the two causes last enumerated, it is probable that the acreage irrigated as shown in this bulletin is somewhat excessive, but the extent of this excess can not be determined. It is believed, however, to be less than 10 per cent for Arizona.

The total acreage reported as irrigated in 1909 was 320,051, as against 185,396 acres in 1899 and 65,821 acres in 1889. The acreage given for 1909 includes land lying in Indian reservations, while the figures for 1889 and 1899 do not. The percentage of increase from 1889 to 1899 was 181.7, while that from 1899 to 1909, eliminating lands irrigated by the Indian Service from the total for the latter year, was 62.2.

The percentage of increase between 1899 and 1909 in the acreage irrigated was considerably higher than the percentage of increase in the number of farms irrigated, the acreage irrigated per farm for the state as a whole outside of Indian reservations increasing from 62.2 in 1899 to 72.2 in 1909. During the same period the average size reported for farms in the state decreased from 333.2 acres to 135.1 acres, which change, considered in connection with the increase in the acreage irrigated per farm, indicates that farmers are irrigating larger parts of their holdings than formerly.

The percentage of the total land area of Arizona which was irrigated was 0.4 in 1909 as against 0.3 in 1899, while in the ratio which the irrigated land bears to the total farm acreage reported as improved there

has been an increase from 81.4 per cent in 1899 for the land outside of Indian reservations to 91.4 per cent in 1909 for the state as a whole.

In both 1909 and 1899 the county for which the largest area of irrigated land was reported was Maricopa, with an irrigated acreage of 199,052 and 109,655 at the respective censuses. For only two other counties was an irrigated area in excess of 25,000 acres reported in 1909, while but one additional county had over 10,000 acres of irrigated land in that year. In addition to having the largest irrigated area of any county, Maricopa was also the county in which irrigated land formed the highest percentage of the total land area, the proportion being 3.5 per cent. In no other county was the proportion as high as 1 per cent.

Acreage included in projects.—The foregoing table shows that in 1910 existing enterprises were ready to supply water to 387,655 acres, or 67,604 acres more than were irrigated in 1909. It is probable that, after allowance is made for an increase in the area irrigated in 1910 over that in 1909, there remained at the close of 1910 under ditch but not irrigated at least one-third as much land as was brought under irrigation in the 10 years from 1899 to 1909. The acreage included in projects exceeds the acreage irrigated in 1909 by 624,039 acres, which is more than four times the acreage brought under irrigation in the last decade and almost twice the total area irrigated in 1909. This acreage represents the area which will be available for the extension of irrigation in the next few years upon the completion of existing enterprises and without new undertakings. It indicates in a general way the area available for settlement, although much of this unirrigated land is in farms already settled.

Acreage irrigated, classified by character of enterprise.—The following table gives the distribution of the acreage irrigated in 1909 according to the character of the enterprise controlling the irrigation works. There are no Carey Act enterprises or irrigation districts in the state. Of the 138,364 acres irrigated by the United States Reclamation Service, 134,364 acres are reported as having been irrigated by works which were built by other classes of enterprises and taken over by the United States Reclamation Service.

CHARACTER OF ENTERPRISE.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All classes.....	320,051	100.0
U. S. Reclamation Service.....	138,364	43.2
U. S. Indian Service.....	19,386	6.1
Cooperative enterprises.....	101,025	31.6
Commercial enterprises.....	80	(¹)
Individual and partnership enterprises.....	61,196	19.1

¹ Less than one-tenth of 1 per cent.

Cooperative enterprises and individual and partnership enterprises, which together supplied 50.7 per cent of the acreage irrigated in 1909, are controlled by the water users. United States Reclamation Service enterprises, which are to be turned over to the water users, supplied 43.2 per cent of the acreage irrigated. Thus only a small percentage of the irrigated land is supplied by works which are not either controlled by the water users or to be turned over to them ultimately. The cooperative enterprises, which supplied water for 31.6 per cent of the land irrigated, are principally stock companies, of which the stock is owned by the water users.

Acreage irrigated, classified by source of water supply.—The table following shows the distribution

of the acreage irrigated in 1909 according to the source of water supply. From this table it is apparent that up to the present time the development of sources of water supply other than streams has been unimportant relatively to that of streams.

SOURCE OF WATER SUPPLY.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All sources.....	320,061	100.0
Streams.....	307,778	96.1
Lakes.....	570	0.2
Wells.....	7,585	2.4
Springs.....	3,031	1.1
Reservoirs.....	487	0.2

IRRIGATION WORKS.

The table following summarizes the data collected relating to works for supplying water for irrigation in 1910 and 1900. As only a few of the items reported in 1910 were reported in 1900, there is little opportunity for comparison between the two censuses. The figures shown for the earlier census relate only to systems that obtained water from streams, which supplied 99.5 per cent of the land reported as irrigated in 1899, and do not include statistics for Indian reservations. In computing the percentages of increase, for the sake of securing closer comparability, the figures for Indian Service irrigation have been eliminated from the totals for 1910.

Assuming that the enterprises in operation in 1909 were identical with those reported in 1910, the average acreage irrigated per enterprise in 1909 was 252.2, and the acreage irrigated per mile of main ditch was 185.3. For the enterprises shown for the preceding census, the average acreage irrigated per enterprise in 1899 was 355.3, and the average per mile of main ditch was 123.6.

Considerable attention has been devoted to the utilization of underground water in Arizona for purposes of irrigation. The table shows 214 flowing wells, which in 1909 irrigated 1,489 acres, and 470 wells pumped for irrigation, which supplied 6,096 acres altogether in 1909. Of the flowing wells all but 7 are in Cochise and Graham Counties. Pumped wells

are reported from all counties except Coconino, but more than three-fourths of the number are located in Cochise, Maricopa, and Pima Counties.

Pumping from streams has also been practiced to a considerable extent in some parts of the state, an area of 7,000 acres in the Yuma project of the United States Reclamation Service having been supplied with pumped water in 1909. Upon the completion of the project, however, these lands will be supplied by gravity diversion. The total acreage irrigated with pumped water in 1909 was 13,807.

IRRIGATION WORKS.	CENSUS OF—		INCREASE. ¹	
	1910	1900 ²	Amount.	Per cent.
Independent enterprises.....number..	1,269	510	699	134.7
Ditches, total length.....miles..	2,597	(³)	.....	.....
Main ditches.....number..	801	519	315	60.7
Length.....miles..	1,727	1,492	116	7.8
Capacity.....cu. ft. per second..	17,200	(³)	.....	.....
Lateral ditches.....number..	313	(³)	.....	.....
Length.....miles..	870	(³)	.....	.....
Reservoirs.....number..	402	(³)	.....	.....
Capacity.....acre-feet..	1,349,988	(³)	.....	.....
Flowing wells.....number..	214	(³)	.....	.....
Capacity.....gallons per minute..	9,053	(³)	.....	.....
Pumped wells.....number..	470	(³)	.....	.....
Capacity.....gallons per minute..	705,921	(³)	.....	.....
Pumping plants.....number..	429	(³)	.....	.....
Engine capacity.....horsepower..	37,258	(³)	.....	.....
Pump capacity.....gallons per minute..	851,873	(³)	.....	.....

¹ Based on figures which are exclusive of Indian reservations.
² Figures relate only to systems obtaining water from streams in 1899, excluding Indian reservations.
³ Not reported.

COST OF CONSTRUCTION, OPERATION, AND MAINTENANCE.

The table following shows the total cost of irrigation enterprises up to July 1, 1910, including construction of works and acquisition of rights, but not operation and maintenance, with the average cost per acre, based on the acreage the enterprises were capable of irrigating in 1910; the estimated final cost of enterprises completed and enterprises now under construction, with the average cost per acre, based on the acreage included in projects; and the total cost and average cost per acre of operation and maintenance in 1909. Data relating to the cost of construction and maintenance of systems operated in 1899 are included for comparison. The figure for average cost per acre of operation and maintenance in 1899 does not cover the cost for systems receiving water from wells, but these are comparatively unimportant, having supplied only 974 acres in that year. Indian reservations, as previously stated, are not covered by the figures for the earlier census.

The cost of operation and maintenance is not reported for individual and partnership enterprises, for the reason that farmers whose land is irrigated by such systems generally clean their own ditches at odd times without keeping any record of the time spent. In the case of the larger enterprises this cost represents a cash outlay by the farmers, while in the case of many of the smaller cooperative enterprises the cost is worked out by the farmers.

	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Cost of irrigation enterprises.....	¹ \$17,677,066	² \$4,438,352	³ \$12,755,635	⁴ 287.4
Average per acre.....	⁵ \$45.60	⁶ \$23.94	(*)	.....
Estimated final cost of existing enterprises.....	\$24,828,868	(?)	.....	.....
Average per acre included in projects.....	\$26.30	(?)	.....	.....
Operation and maintenance:				
Acreage for which cost is reported.....	⁷ 230,429	(?)	.....	.....
Total cost reported.....	⁸ \$214,358	(?)	.....	.....
Average cost per acre.....	⁹ \$0.93	⁹ \$0.82	\$0.11	13.2

¹ Reported July 1.

² Cost of systems operated in 1899, exclusive of Indian reservations.

³ Based on figures which are exclusive of Indian reservations.

⁴ Based on acreage enterprises were capable of irrigating in 1910.

⁵ Based on acreage irrigated in 1899.

⁶ Figures not comparable. (See explanation in text.)

⁷ Not reported.

⁸ For 1909.

⁹ Figure relates only to systems obtaining water from streams in 1899.

The cost of irrigation systems shows the largest increase of any item included in the census of irrigation, 287.4 per cent. The average cost per acre shown for 1910 is based on the acreage under ditch in that

year, but since the corresponding acreage for 1900 was not reported, the figure for average cost at the earlier census is based on the acreage irrigated in 1899. If computed on the basis of the acreage irrigated in 1909, the average cost in 1910 would be \$55.23, representing an increase of 130.7 per cent over the figure for the average cost at the census of 1900. The year 1899 was near the close of the period of private and cooperative construction, when most of the works were built by the water users themselves with little or no expenditure of money, and near the beginning of the present period of large-scale construction by corporations and the Federal Government. This later construction is not only on a more extensive scale, but also more difficult and of a better type. Largely as a result of these changed conditions the average cost per acre of irrigation has greatly increased. A number of large enterprises are under construction, upon which considerable expenditures have been made, while but little land is irrigated as yet. This condition tends to make the average cost shown higher than the true average. The average based on the estimated final cost and the acreage included in projects, \$26.30 per acre, probably more truly represents the average cost per acre of irrigation in Arizona.

The county showing the lowest average cost per acre is Graham, which ranks second with respect to acreage irrigated. In Maricopa County, which is first with respect to acreage irrigated, the average cost per acre is practically the same as in the state as a whole, this county having reported approximately 60 per cent both of the total acreage under ditch in the state in 1910 and of the total cost of works up to July 1, 1910. Yuma County shows the highest average cost per acre, \$259.55, which unusually high average is due to the large preliminary expenditures made on the Yuma project of the United States Reclamation Service. The average cost per acre for Yuma County upon the completion of this and other enterprises now under way is estimated at \$45.83, or slightly more than the average cost up to July 1, 1910, shown for the state.

The acreage for which cost of operation and maintenance in 1909 was reported constitutes 72 per cent of the total acreage reported as irrigated in 1909 and 89 per cent of the acreage reported as irrigated by other than individual and partnership enterprises. The cost reported can be said, therefore, to represent fairly the average annual expense for all but individual and partnership enterprises.

CROPS.

As previously stated, the data relating to irrigated crops are taken from supplemental schedules filled out by the regular census enumerators. Since the special agents found enterprises which the enumerators had not reported, it is evident that the information relating to irrigated crops is incomplete to some extent. It shows, however, the relative importance of the different irrigated crops and is sufficiently complete to afford reliable averages of yields.

The following table shows the acreage, yield, and value of the principal crops reported as grown under

irrigation in 1909, in comparison with totals for the same crops reported for the entire state. While small quantities of other crops are grown both on irrigated and unirrigated land, the leading crops of the state, as well as the leading crops grown under irrigation, are represented in the table. In the reports of the agricultural census the acreages of seed crops are not generally given, but since the growing of alfalfa seed is coming to be an industry of some importance in the irrigated sections of the country, statistics for this crop are presented here.

CROP.	ACREAGE.			YIELD.			VALUE.	
	Total for state.	Irrigated.		Unit.	Total for state.	On irrigated land.	Total for state.	For irrigated land.
		Amount.	Per cent of total.					
Cereals:								
Corn.....	15,005	7,707	50.0	Bushels.....	208,064	171,007	\$203,847	\$158,003
Oats.....	5,867	5,406	92.1	Bushels.....	189,312	177,057	130,384	127,003
Wheat.....	20,028	17,901	89.4	Bushels.....	302,875	358,175	410,214	398,204
Barley.....	32,897	32,268	98.1	Bushels.....	1,008,442	1,001,011	714,834	711,251
Other grains and seeds:								
Alfalfa seed.....	6,378	6,355	99.6	Bushels.....	22,492	22,264	160,028	150,343
Dry edible beans.....	2,301	759	33.0	Bushels.....	18,457	6,863	44,097	14,712
Hay and forage:								
Timothy alone.....	120	53	44.2	Tons.....	182	54	1,948	911
Timothy and clover mixed.....	143	40	28.0	Tons.....	280	60	4,084	1,200
Clover alone.....	119	118	99.2	Tons.....	119	113	1,255	1,247
Alfalfa.....	66,102	65,309	98.9	Tons.....	104,534	104,171	1,890,459	1,880,244
Other tame or cultivated grasses ¹	2,188	437	20.0	Tons.....	2,987	488	42,812	5,213
Wild, salt, or prairie grasses.....	9,514	1,402	15.4	Tons.....	8,168	1,756	81,987	13,450
Grains cut green.....	19,058	15,260	80.1	Tons.....	29,712	24,291	368,310	285,160
Coarse forage.....	3,980	2,565	64.4	Tons.....	7,702	6,221	84,003	53,528
Sundry crops:								
Potatoes.....	1,151	1,011	87.8	Bushels.....	97,141	60,351	98,597	74,885
Sugar beets.....	4,443	4,123	92.8	Tons.....	49,630	47,175	236,997	220,397
Orchard fruits and grapes.....	(²)	1,518	.....				266,481	174,122
Small fruits.....	70	75	98.7				12,987	12,478

¹ Includes millet or Hungarian grass.

² Agricultural returns show number of trees and not acreage.

Acreage.—Of the entire acreage of the crops for which totals are presented in the table, 84.8 per cent is irrigated, but the proportion irrigated varies widely for the different crops.

Few crops are grown to any great extent in Arizona without irrigation. The only crop covering an acreage in excess of 5,000 of which less than half of the acreage is reported as irrigated is "wild, salt, or prairie grasses," for which the proportion is only 15.4 per cent.

Of the acreage of the combined cereals 85.2 per cent is irrigated. The highest proportion of the acreage of any cereal reported as irrigated is 98.1 per cent for barley and the lowest 50 per cent for corn.

The irrigated area of the hay and forage crops shown in the table forms 84.3 per cent of the total reported. Very little alfalfa is grown without irrigation, 98.9 per cent of the total acreage in this crop being irrigated. For grains cut green the percentage is 80.1, while that for clover alone, which covers only a very small acreage, is 99.2, and that for coarse forage is 64.4.

In the case of each of the miscellaneous crops for which the total acreage is shown more than 85 per cent of the acreage is irrigated.

Of the crops shown in the table, alfalfa covers the largest irrigated acreage, representing 40.2 per cent of the total irrigated acreage of these crops. Barley is second with 19.9 per cent of this total, followed by wheat with 11 per cent, and grains cut green with 9.4 per cent. No other single crop covers as much as 5 per cent of the total acreage of the irrigated crops presented in the table.

While most of the crops irrigated are well distributed geographically, there is a tendency toward the concentration of certain crops in particular localities. This is shown by the statement following, which gives the counties reporting the largest acreages of the principal irrigated crops, with the proportions which they contain of the total irrigated acreages of these crops in the state.

Corn.—Graham County, 28.7 per cent; Maricopa, 16 per cent; Pinal, 13.6 per cent.

Oats.—Apache County, 42.8 per cent; Maricopa, 39.1 per cent; Navajo, 7.6 per cent.

Wheat.—Maricopa County, 49.8 per cent; Pinal, 27 per cent; Graham, 15.3 per cent.

Barley.—Maricopa County, 64.8 per cent; Graham, 16.4 per cent; Pinal, 8 per cent.

Alfalfa seed.—Maricopa County, 95.7 per cent; Yuma, 4.3 per cent.

Alfalfa.—Maricopa County, 67.2 per cent; Graham, 17.5 per cent; Yavapai, 3.2 per cent.

“Wild, salt, or prairie grasses.”—Apache County, 37.8 per cent; Maricopa, 17 per cent; Santa Cruz, 12.7 per cent.

Grains cut green.—Maricopa County, 36.4 per cent; Pinal, 16.5 per cent; Pima, 14.2 per cent.

Coarse forage.—Maricopa County, 51.6 per cent; Cochise, 17.5 per cent; Yavapai, 16.1 per cent.

Potatoes.—Graham County, 31.7 per cent; Maricopa, 24.2 per cent; Yavapai, 10.8 per cent.

Sugar beets.—Maricopa County, 99.9 per cent.

Orchard fruits and grapes.—Yavapai County, 33.9 per cent; Graham, 23.8 per cent; Maricopa, 18.3 per cent.

Small fruits.—Maricopa County, 54.7 per cent; Pima, 18.7 per cent; Yavapai, 9.3 per cent.

Of the acreage of orchards not bearing that was irrigated in 1909, 1,046 acres, 61.3 per cent was in Maricopa County, 16.8 per cent in Yavapai County, and 5.4 per cent in Yuma County.

Yield.—In the following table the average yields per acre of crops extensively grown both with and without irrigation are shown. The yields on unirrigated land are obtained by subtracting the totals for irrigated crops from the totals for the state.

CROP.	AVERAGE YIELD PER ACRE.		
	On unirrigated land.	On irrigated land.	
		Amount.	Per cent of excess over yield on unirrigated land.
Corn.....bushels..	16.2	22.1	36.4
Oats.....bushels..	26.6	32.8	23.3
Wheat.....bushels..	2.2	20.0	808.1
Dry edible beans.....bushels..	7.5	9.0	20.0
Alfalfa.....tons..	0.50	2.60	408.0
Wild, salt, or prairie grasses.....tons..	0.80	1.20	50.0
Grains cut green.....tons..	1.43	1.59	11.2
Coarse forage.....tons..	1.09	2.43	122.6

The yields on irrigated lands were, in the case of all crops included in the table, higher than those on unirrigated land. The small average yields of wheat and alfalfa on unirrigated land and the resulting large excess in the average yields on irrigated land can not be explained except upon the assumption of a partial failure of the crops on unirrigated land in 1909. In considering these comparisons it should be borne in mind that they are not comparisons of yields on irrigated and on unirrigated land in the same localities, but of yields under irrigation in localities where crops can not be grown to advantage without it with yields in localities where irrigation is not necessary. They do not present, therefore, the relative advantages of farming with and without irrigation in a given community, but rather give one factor for determining the relative advantages of farming where irrigation is necessary and where it is not necessary for the successful growing of crops.

COUNTY TABLE.

The next table gives in detail, by counties, the data summarized above, except those relating to crops. For purposes of comparison the total number of farms in the state, the approximate land area of the state, the total land in farms, and the improved land in farms have been included in the table.

Attention is again directed to the fact that the totals for 1899 do not cover Indian reservations, no report as to irrigation on reservations in Arizona having been made at the Twelfth Census. Consequently, the percentages of increase shown in the table are,

with the exception of those relating to cost of operation and maintenance, based on figures exclusive of Indian reservations.

Certain enterprises extend into more than one county, and in the case of some of these enterprises the reports do not segregate the data by counties. In all cases of this kind a distribution among the counties involved has been made according to the best estimates possible from all the information in the possession of the bureau. It is believed that these estimates are approximately correct.

PER CENT OF LAND AREA IN FARMS, AND AVERAGE VALUE OF FARM LAND PER ACRE, IN ARKANSAS, BY COUNTIES: 1910.

PER CENT OF LAND AREA IN FARMS.

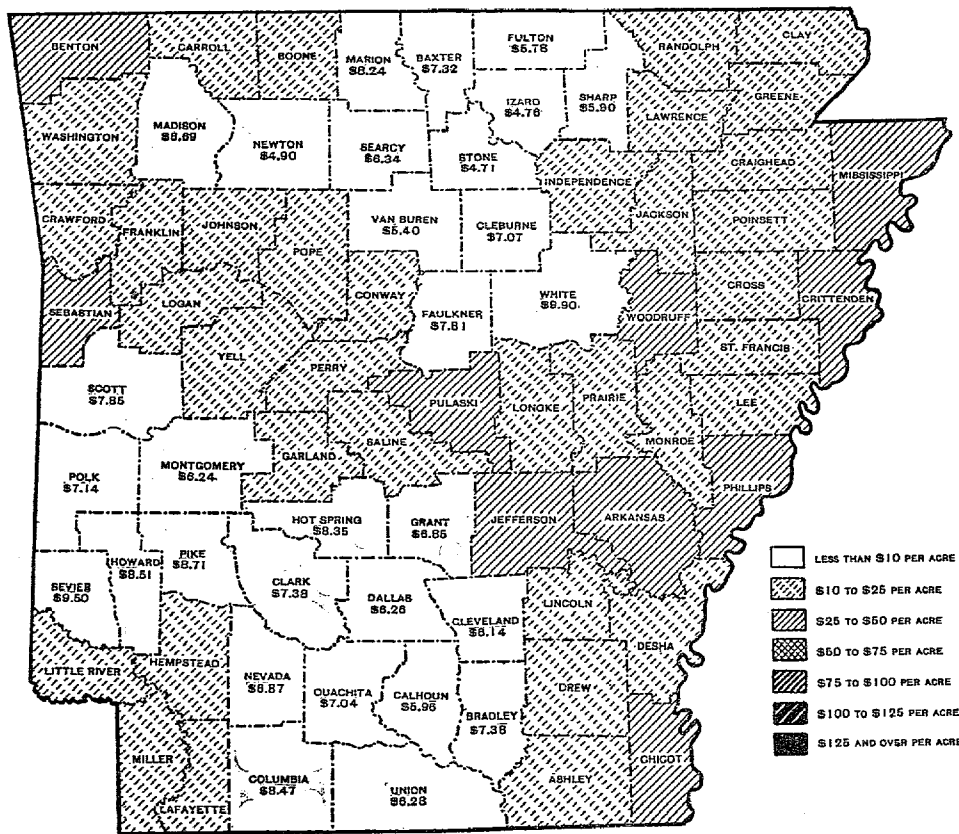
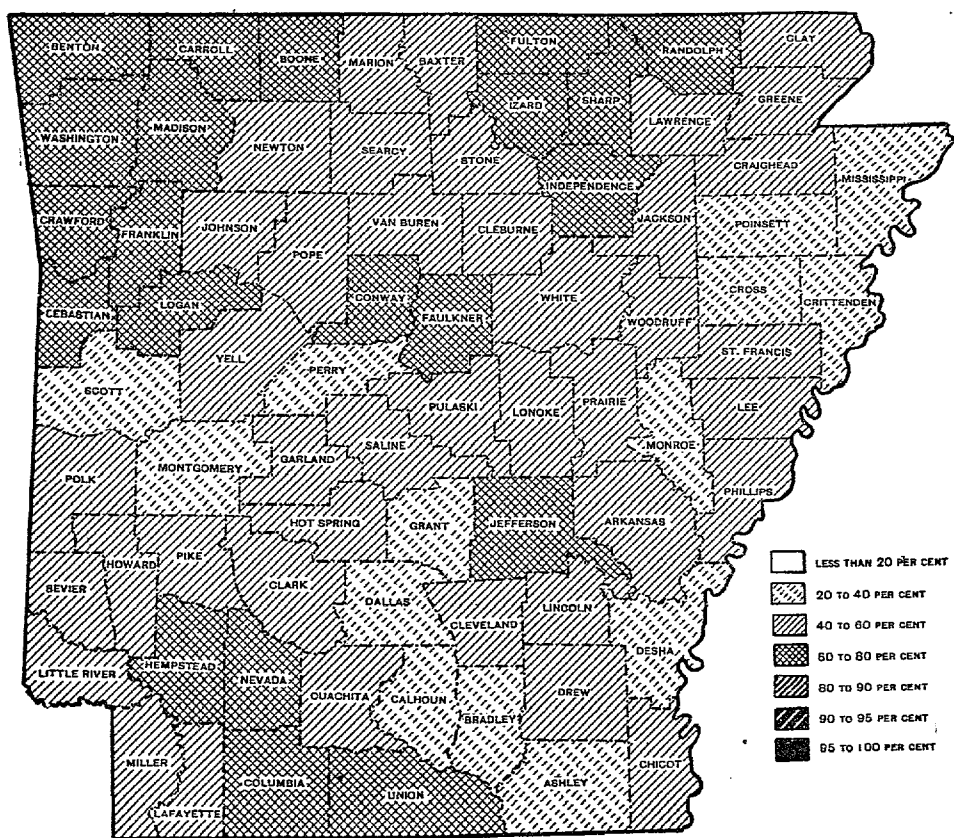
[Per cent for the state, 51.8.]

The per cent of land area in farms, when less than 20, is inserted under the county name.

AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$14.13.]

When the value is less than \$10 per acre, it is inserted under the county name.



ARKANSAS.

FARMS AND FARM PROPERTY.

Arkansas ranks twenty-fifth in population and twenty-sixth in land area among the states and territories of continental United States. A line drawn through Little Rock from the northeastern to the southwestern corner of the state would divide it about equally into a southeastern lowland division and a northwestern highland division. The Mississippi River and its principal tributaries are bordered by broad alluvial bottoms of low elevation and nearly level surface, above which rise the more rolling and elevated Coastal Plains. Within the Coastal Plains division are numerous nearly flat interstream prairies and more rolling, forested uplands. The northern part of the state consists of the rugged Boston Mountains, their northern border constituting a portion of the Ozark uplift. The west central part of the state is occupied by the rough and elevated ranges of the Ouachita Mountains. Between these elevated areas winds the rolling to ridged valley of the Arkansas River.

The soils of the alluvial bottoms are chiefly heavy silty loams and clays. Some sandy lands exist along the front lands and the bayous. A high ridge, known as Crowleys Ridge, is covered by the brown silty loam known as the loess. The bottom-land soils are largely timbered, but the cleared fields are used for the production of cotton and corn. The northeastern portion of the Coastal Plains consists of level-topped interstream areas chiefly occupied by gray silty loam soils. Portions of this region are timbered, but extensive prairie areas also are found in east central Arkansas. The southern portion of the state is occupied by sandy and sandy loam soils. Small prairie areas derived from the Cretaceous marls are found in the extreme southwestern part of the state.

The upland portion of the state is occupied by a considerable variety of soils formed by the weathering of the various underlying rocks. Thus along the northern border the soils are chiefly gray silty or fine sandy loams derived from the siliceous limestones of the Ozark Plateau. The soils of the Boston and Ouachita Mountains are derived from sandstones and shales, and range from stony and sandy loams to heavy loams. A considerable portion of the mountain regions is still wooded.

The surface of the state ranges from approximately 100 feet above sea level, in the southern portion of the alluvial bottoms, to an altitude of some 350 feet along the boundary of the uplands and over 2,000 feet in the mountain region. The average altitude of the state is estimated at 650 feet above sea level.

The rainfall over the whole of Arkansas is ample for growing all crops except rice, the normal annual

precipitation for the state ranging from 45 to 55 inches. Rice fields, however, require an unusually large amount of water for flooding, and this is supplied through artificial means.

The two maps on the opposite page show, respectively, for the different counties the proportion of the total land area in farms and the average value of farm land per acre. More than one-half of the state's entire land area (51.8 per cent) is in farms. In every county the farm land occupies more than 20 per cent of the total land area. In 14 counties the first map shows a proportion from 20 to 40 per cent; in 40 counties, from 40 to 60 per cent; and in 21 counties, from 60 to 80 per cent. These three classes of counties are distributed more or less evenly over the state.

The average value of farm land per acre for the state as a whole is \$14.13. The average value is shown by the second map to be less than \$10 per acre in 30 counties, of which 17 form a group located in the southwestern part of the state, and 13, a group in the north central part. The average value is from \$10 to \$25 per acre in 35 counties, widely distributed over the state, while there are 10 counties with an average of \$25 to \$50 per acre, most of which are located in the eastern part of the state.

Progress during the decade 1900 to 1910.—Between 1900 and 1910 the increase in the number of farms in Arkansas was 35,984, or 20.1 per cent, as compared with an increase of 20 per cent in the population. During the decade the total farm acreage and the improved acreage both increased; the former by 4.7 per cent, the latter by 16.1 per cent. On account of the greater relative increase in the number of farms than in the farm acreage, the average size of farms, which was 93.1 acres in 1900, had decreased to 81.1 acres in 1910.

The total value of farm property, which includes that of land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), is \$400,089,000, showing an increase of 120.5 per cent since 1900. The value of land alone increased 134.1 per cent, compared with an increase of 110 per cent in the value of buildings, of 97.6 per cent in that of live stock, and of 92.7 per cent in that of implements and machinery. In considering the increase of values in agriculture the general increase in the prices of commodities in the last 10 years should be borne in mind.

The average value of a farm, including its equipment, is \$1,864, showing an increase of 83.6 per cent since 1900. During the decade the average value of farm land per acre increased \$7.81, or more than doubled.

The following table summarizes for the state the more significant facts relating to population and land area, the number, value, and acreage of farms, and the value of all other farm property in 1910 and 1900:

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE. ¹	
			Amount.	Per cent.
Population.....	1,574,449	1,311,564	262,885	20.0
Number of all farms.....	214,678	178,694	35,984	20.1
Approximate land area of the state..... acres.	33,616,000	33,616,000		
Land in farms..... acres.	17,416,075	16,636,719	779,356	4.7
Improved land in farms..... acres.	8,076,254	6,953,735	1,122,519	16.1
Average acres per farm.....	81.1	93.1	-12.0	-12.9
Value of farm property:				
Total.....	\$400,089,303	\$181,416,001	\$218,673,302	120.5
Land.....	246,021,450	105,106,650	140,914,800	134.1
Buildings.....	63,145,363	30,075,520	33,069,843	110.0
Implements and machinery.....	16,864,198	8,750,060	8,114,138	92.7
Domestic animals, poultry, and bees.....	74,058,292	37,483,771	36,574,521	97.6
Average value of all property per farm.....	\$1,864	\$1,015	\$849	83.6
Average value of land per acre.....	\$14.13	\$6.32	\$7.81	123.6

¹ A minus sign (-) denotes decrease.

NOTE.—Ranges or ranches using the public domain for grazing purposes, but not owning or leasing land, were counted as farms in 1910 and 1900. They were included as owned or managed, free from mortgage, and under 3 acres in size. The counting of these ranges as farms affects all totals, averages, and percentages in which the number of farms is a factor. In 1910 there were nine such ranges included as farms.

Irrigation.—Of the 214,678 farms in the state, 230, or one-tenth of 1 per cent, were reported as irrigated in 1909. The area reported as irrigated was 27,843 acres, devoted largely to rice culture. The area to which irrigation enterprises existing in 1910 were capable of supplying water was 47,266 acres, and the total area included in irrigation projects, completed or under way in 1910, was 52,905 acres.

Population, number of farms, and farm acreage: 1850 to 1910.—The table following presents, for the state as a whole for each census from 1850 to 1910, inclusive, a statement of the total population, the number of farms, and the acreage of farm land and of improved land in farms. It also gives the percentage of the land area in farms, the percentage of farm land improved, and the percentage of increase during each decade in the number of farms and in the land in farms.

CENSUS YEAR.	Popula- tion.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im- proved.
		Num- ber.	Per cent of in- crease.	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease. ¹			
1910.....	1,574,449	214,678	20.1	17,416,075	4.7	8,076,254	51.8	46.4
1900.....	1,311,564	178,694	43.2	16,636,719	11.7	6,953,735	49.5	41.8
1890.....	1,123,211	124,760	32.1	14,891,366	23.5	5,475,043	44.3	36.3
1880.....	802,625	94,433	91.1	12,061,547	58.8	3,595,603	35.9	29.8
1870.....	484,471	49,424	28.7	7,597,290	-20.6	1,859,821	22.6	24.5
1860.....	435,450	39,004	119.6	9,573,706	268.5	1,983,313	28.5	20.7
1850.....	209,897	17,758	.....	2,698,214	.....	781,530	7.7.	30.1

¹ A minus sign (-) denotes decrease.

In the 60 years since 1850 the population of the state has increased by 1,364,552, or over sixfold. A continuous increase is shown in the number of farms reported since 1850. For the entire 60 years the

number increased from 17,758 to 214,678, or at a rate of 3,282 per year. Between 1890 and 1900 the rate of increase was 5,393 per year, while during the last decade the number increased at the rate of 3,598 per year.

The land surface of Arkansas is approximately 33,616,000 acres; and of this area, 17,416,075 acres, or 51.8 per cent, are included in farms. Of the farm acreage, 8,076,254 acres, or 46.4 per cent, representing 24 per cent of the total land area of the state, are reported as improved land. The total acreage of farm land has increased 779,356 acres, or 4.7 per cent, and that of improved farm land 1,122,519, or 16.1 per cent, during the last decade. Thus the proportion of farm land improved is higher at the census of 1910 than in 1900—46.4 per cent, as compared with 41.8 per cent.

The proportion of the total land area which is in farms increased from 7.7 per cent in 1850 to 51.8 per cent in 1910. The total farm area reported decreased by 1,976,410 acres between 1860 and 1870, and then increased by 4,464,251 acres between 1870 and 1880. During the 30 years from 1880 to 1910 the increase has been at a diminishing rate, but aggregates 5,354,528 acres. With the exception of a decrease of 123,492 acres between 1860 and 1870, the acreage of improved land increased continuously throughout the 60 years from 1850 to 1910. The proportion of all farm land which was improved decreased from 30.1 per cent in 1850 to 20.7 per cent in 1860, since which time it has increased at a fairly uniform rate to 46.4 per cent in 1910.

Values of farm property: 1850 to 1910.—The agricultural changes in Arkansas since 1850, as reflected in the values of the several classes of farm property, are shown in the next table.

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹
1910.....	\$400,089,303	120.5	\$309,166,813	128.7	\$16,864,108	92.7	\$74,058,292	97.6
1900.....	181,416,001	17.0	135,182,170	14.0	8,750,060	54.3	37,483,771	21.8
1890.....	155,019,702	56.0	118,574,422	59.7	6,672,400	22.3	30,772,580	50.3
1880.....	99,359,577	108.8	74,249,655	131.9	4,637,497	150.1	20,472,426	48.6
1870 ²	47,591,600	-59.6	33,023,758	-65.1	1,789,927	-57.1	13,778,066	-37.6
1860.....	117,922,076	401.5	91,649,773	500.4	4,175,326	100.8	22,096,977	232.4
1850.....	23,514,510	.....	15,235,248	.....	1,601,200	.....	6,647,969	.....

¹ A minus sign (-) denotes decrease.
² Computed gold values, being 80 per cent of the currency values reported.

The total wealth of the state in the form of farm property is, as noted above, \$400,089,000, of which 77.3 per cent is represented by land and buildings, 18.5 per cent by live stock, and 4.2 per cent by implements and machinery. The total value of farm property increased during the past 10 years by \$218,673,000, or 120.5 per cent. Of this total increase, \$173,985,000 was contributed by land and buildings, \$36,575,000 by live stock, and \$8,114,000 by implements and machinery.

The increase in the value of all farm property in 60 years amounts to \$376,575,000. There was, however, a decrease of \$70,330,000, or almost three-fifths, between 1860 and 1870, a loss not fully recovered during the succeeding decade. The increase of \$218,673,000 during the past decade is more than double the next greatest decennial increase, that from 1850 to 1860. The fluctuations shown by the several classes of farm property correspond generally to those shown by the total farm property, there being in each case a pronounced decrease between 1860 and 1870 and increases for the other decades.

Average acreage and values per farm: 1850 to 1910.—The changes which have taken place during the past 60 years in the average acreage of Arkansas farms and in the average values of the various classes of farm property, as well as in the average value per acre of land and buildings, are shown in the following table:

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. ¹				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	81.1	\$1,804	\$1,440	\$79	\$345	\$17.75
1900.....	93.1	1,015	757	49	210	8.13
1890.....	119.4	1,243	950	45	247	7.90
1880.....	127.7	1,052	786	49	217	6.16
1870 ²	153.7	903	648	36	279	4.22
1860.....	245.4	3,023	2,350	107	567	9.57
1850.....	146.3	1,324	860	90	374	5.88

¹ Averages are based on "all farms" in state.
² Computed gold values, being 80 per cent of the currency values reported.

The average size of an Arkansas farm increased almost 100 acres between 1850 and 1860, then, during the following decade, decreased 91.7 acres. Since 1870

it has decreased gradually from 153.7 acres to 81.1 acres in 1910. In 1870 the "plantation," which had been the common farm unit in a large part of the state during the first half of the century, still existed to a considerable extent, and the high average size of farms at that time is accounted for largely by the fact that each plantation was reported as one farm. During the past 40 years most plantations have been divided gradually into smaller parcels of land, operated largely by tenants. Each of these tenant holdings is reported as a farm and each tenant as a farmer, whether or not the owner of the property lives on the plantation and directs the operations. This accounts, to a large extent, for the fact that the number of farms reported increased 334.4 per cent during the past 40 years, while the amount of land in farms increased only 129.2 per cent.

In the case of many plantations, although most of the land is now worked by tenants, each of whom is reported as a farmer operating his portion of land as a farm, yet there is supervision by the owner, so that, in a sense, the entire plantation may be said to constitute a single farm. The Bureau of the Census has recently made an investigation of the extent to which the plantation unit of farm management still prevails, the results of which will appear in a later report.

Bearing in mind the definition of a farm as it applies to conditions in Arkansas, it is to be noted that the average value of a farm with its equipment is \$1,864, of which \$1,440 represents the average value of land and buildings, \$345 that of live stock, and \$79 that of implements and machinery. From 1850 to 1860 the average value per farm of all farm property increased \$1,699, then fell off \$2,060, so that in 1870 it was only \$963. Small advances were made during the next 20 years, but a loss of \$228 took place between 1890 and 1900. During the past decade an increase of \$849, or 83.6 per cent, is shown. The great decrease in average value between 1860 and 1870 was doubtless largely due to the division of plantations into subdivisions operated by tenants. This movement seems to be largely completed, as the decrease in average acres per farm in the last decade was less than most of those which preceded it. The average value of land and buildings per acre, after decreasing very greatly between 1860 and 1870, increased from \$4.22 in 1870 to \$8.13 in 1900 and \$17.75 in 1910. The average value of implements and machinery per farm in 1910 (\$79), although showing an increase of \$30 for the past decade, is still \$28 less than in 1860. The average value of live stock per farm is less than in 1850, notwithstanding a gain of \$135 over that of 1900, when the figure (\$210) marked the lowest point reached for any census year included in the table.

Farm tenure: 1880 to 1910.—The next table shows the distribution of the farms of the state according to character of tenure at each census since 1880.

TENURE.	1910	1900	1890	1880
Number of all farms.....	214,678	178,694	124,760	94,433
Farms operated by owners and managers.	107,412	97,554	84,706	65,245
Farms consisting of owned land only	87,800	85,794	(1)	(1)
Farms consisting of owned and hired land	18,783	10,941	(1)	(1)
Farms operated by managers.....	763	819	(1)	(1)
Farms operated by tenants.	107,266	81,140	40,054	29,188
Share tenants.....	68,553	53,837	23,875	19,272
Share-cash tenants ²	3,030			
Cash tenants.....	30,405	27,303	16,479	9,916
Tenure not specified ³	5,278			
Per cent of farms operated by—				
Owners and managers.....	50.0	54.6	67.9	69.1
Tenants.....	50.0	45.4	32.1	30.9
Share and share-cash.....	33.3	30.1	18.9	20.4
Cash and nonspecified.....	16.6	15.3	13.2	10.5

¹ Not reported separately.
² Share-cash tenants were doubtless largely included with share tenants in 1900, 1890, and 1880.
³ Prior to 1910 nonspecified tenants were included with cash tenants.

The number of all farms, and therefore of all farm operators, is 214,678. Of the operators, 106,649 are classified as owners, 763 as managers, and 107,266 as tenants. Of the owners, 87,866 operate exclusively land owned by them, while 18,783 operate land which they rent in addition to that which they own. The tenants are classified according to the character of their tenancy; thus 68,553 are share tenants; 3,030, share-cash tenants; and 30,405, cash tenants; while for 5,278 no report relative to character of tenure was secured.

While the total number of farm operators increased from 94,433 in 1880 to 214,678 in 1910, or 127.3 per cent, the number of tenants increased from 29,188 in 1880 to 107,266 in 1910, or 267.5 per cent. Thus the proportion of tenants has increased, having risen from 30.9 per cent of all farmers in 1880 to 50 per cent in 1910. For the sake of comparison with the earlier figures the share and share-cash tenants have been grouped together, and likewise the cash tenants and those for whom the form of tenancy was not specified. In each of the census years except 1890 the number of farms in the share group was about twice that of the cash group.

The following table shows, for white and colored farmers combined and for each class separately, the total and improved acreage and the value of land and buildings for farms operated by owners (including part owners), managers, and tenants, respectively:

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
	All farmers.	17,416,075	16,636,719	8,076,254	6,953,735	\$309,166,813	$135,182,170
Owners.....	12,389,542	12,187,517	4,815,122	4,354,265	181,882,010	82,727,820
Managers.....	328,186	319,450	112,699	128,574	10,440,663	4,724,590
Tenants.....	4,698,347	4,129,752	3,148,433	2,470,896	116,844,140	47,729,760
White	14,762,752	14,333,097	6,303,048	5,578,549	240,153,704	108,302,040
Owners.....	11,185,428	11,152,225	4,273,857	3,930,533	161,187,795	75,529,370
Managers.....	322,093	304,644	109,631	123,245	10,201,748	4,545,390
Tenants.....	3,255,231	2,876,228	1,919,560	1,524,771	68,764,161	28,227,280
Colored	2,653,323	2,303,622	1,773,206	1,375,186	69,013,109	26,880,130
Owners.....	1,204,114	1,035,292	541,265	423,732	20,694,215	7,198,450
Managers.....	6,093	14,906	3,068	5,329	238,915	179,200
Tenants.....	1,443,116	1,253,424	1,228,873	946,125	48,079,979	19,502,480

The following table shows, for white and colored farmers combined and for each class separately, the per cent distribution by tenure groups of the items in the preceding table, and also of the number of farms:

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
All farmers.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	49.7	54.1	71.1	73.3	59.6	62.6	58.8	61.2
Managers.....	0.4	0.5	1.9	1.9	1.4	1.8	3.4	3.5
Tenants.....	50.0	45.4	27.0	24.8	39.0	35.5	37.8	35.3
White.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	60.9	64.4	75.8	77.8	67.8	70.5	67.1	69.7
Managers.....	0.5	0.6	2.2	2.1	1.7	2.2	4.2	4.2
Tenants.....	38.6	35.1	22.1	20.1	30.5	27.3	28.6	26.1
Colored.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	23.1	25.4	45.4	44.9	30.5	30.8	30.0	26.8
Managers.....	0.1	0.2	0.2	0.6	0.2	0.4	0.3	0.7
Tenants.....	76.9	74.4	54.4	54.4	69.3	68.8	69.7	72.0

It will be seen that, in 1910, 71.1 per cent of all land in farms was in farms operated by their owners (including part owners), 1.9 per cent in farms operated by managers, and 27 per cent in farms operated by tenants, the percentage for owners being lower and that for tenants higher than in 1900, while the percentage for managers remained the same.

Of all land in farms operated by white farmers, 75.8 per cent was in farms operated by their owners, and 22.1 per cent in tenant farms, while of that in farms operated by colored farmers, 45.4 per cent was in farms operated by owners, and 54.4 per cent in tenant farms. The proportion of land in farms operated by owners decreased between 1900 and 1910 among white farmers, while among colored farmers the proportion increased.

As shown by the table below, the average size of farms operated by managers in 1910 (430.1 acres) was very much greater than that of farms operated by owners (116.2 acres), which was in turn much greater than that of farms operated by tenants (43.8 acres). The average size of farms operated by managers increased between 1900 and 1910, while that of farms operated by owners and by tenants decreased. In 1910 the percentage of farm land improved was highest for farms operated by tenants, and lowest for those operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		PER CENT OF FARM LAND IMPROVED.		Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
All farmers.	81.1	93.1	37.6	38.9	46.4	41.8	\$1,440	\$767	\$17.75	\$8.13
Owners.....	116.2	123.0	45.2	45.0	38.9	35.7	1,705	855	14.68	6.79
Managers.....	430.1	390.0	147.7	157.0	34.3	40.2	13,684	5,709	31.81	14.79
Tenants.....	43.8	50.9	20.4	30.5	67.0	59.8	1,089	588	24.87	11.56
White	97.7	108.8	41.7	42.4	42.7	38.9	1,590	822	16.27	7.56
Owners.....	121.6	131.5	46.5	46.4	38.2	35.2	1,752	891	14.41	6.77
Managers.....	449.2	412.1	152.9	166.8	34.0	40.5	14,228	6,151	31.67	14.93
Tenants.....	55.8	62.3	32.9	33.0	59.0	53.0	1,178	611	21.12	9.81
Colored	41.7	49.0	27.9	29.3	66.8	59.7	1,085	572	26.01	11.67
Owners.....	82.1	86.7	36.9	35.5	45.0	40.9	1,411	603	17.19	6.95
Managers.....	132.5	180.3	66.7	66.6	50.4	35.8	5,194	2,240	39.21	12.02
Tenants.....	20.5	35.9	25.1	27.1	85.2	75.5	984	558	33.32	15.56

The average size of farms operated by white farmers in 1910 (97.7 acres) was nearly two and one-third times as great as that of farms of colored farmers (41.7 acres); both classes of farms decreased in size between 1900 and 1910. The proportion of improved land was larger for farms of colored farmers than for those of white farmers, being, respectively, 66.8 per cent and 42.7 per cent of the total acreage in each class of farms.

Farm mortgages: 1890 to 1910.—The Eleventh Census (1890) was the first to collect data relating to mortgage debt on farms. The basis of the returns was the "farm home" occupied by its owner. The same class of information was secured by the population schedules of the Twelfth Census (1900). The agricultural schedules of the Thirteenth Census (1910) secured practically the same information, except that the basis was "owned farms" instead of "owned farm homes"—a difference involving, however, no appreciable incomparability.

The following table relates to farms operated by persons owning all or part of the land, and shows for 1910 (1) the number of such farms reported as free from mortgage; (2) the number reported as mortgaged; and (3) the number for which no mortgage reports were secured. Comparable items are included for 1900 and 1890.

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES. ²		OWNED FARM HOMES. ³	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	106,649	.....	84,344	.....	79,275	.....
Free from mortgage.....	82,321	78.6	77,089	85.7	75,961	95.8
Mortgaged.....	22,374	21.4	12,833	14.3	3,314	4.2
Unknown.....	1,954	.....	4,422	.....	.....	.....

¹ Includes all farms owned in whole or in part by the operator.
² The 871 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.
³ Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 106,649. Of this number, 82,321 were reported as free from mortgage; 22,374 were reported as mortgaged; and for 1,954 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 21.4 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is much higher than it was in 1890 and somewhat higher than in 1900. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 22,374 farms reported as mortgaged, 18,054 are wholly owned by the farmers, and for 16,555 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included for 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding the amount of mortgage debt were not obtained in 1900.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE. ¹	
	1910 ²	1890 ³	Amount.	Percent.
Number.....	16,555	3,314	.....	.....
Value—Land and buildings.....	\$35,035,023	\$4,579,368	.....	.....
Amount of mortgage debt.....	\$8,941,332	\$2,032,845	.....	.....
Per cent of debt to value.....	25.5	44.4	.....	.....
Average value per farm.....	\$2,116	\$1,382	\$734	53.1
Average debt per farm.....	\$540	\$613	-\$73	-11.9
Average equity per farm.....	\$1,576	\$769	\$807	104.9

¹ A minus sign (—) denotes decrease.
² Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.
³ Includes all owned farm homes, estimates being made of value of farms and amount of debt for all defective reports.

The average debt of mortgaged farms has decreased in 20 years from \$613 to \$540, or 11.9 per cent. The average value of such farms, however, increased; the increase being from \$1,382 to \$2,116, or 53.1 per cent. Thus the owner's equity rose from \$769 in 1890 to \$1,576 in 1910, or 104.9 per cent. As a result of the greater relative increase in the total farm value than in the total farm debt, the mortgage indebtedness, which was 44.4 per cent of the value of the mortgaged farm in 1890, was only 25.5 per cent of this value in 1910.

Farms by size groups: 1910 and 1900.—More than one-third (34.9 per cent) of the farms in Arkansas are from 20 to 49 acres in size, over one-fifth (21.1 per cent) from 50 to 99 acres, and over one-sixth (18.3 per cent) from 100 to 174 acres. These three groups contain nearly three-fourths of all the farms in the state. Slightly more than one-sixth are under 20 acres in size, while the farms of 175 acres or over constitute approximately one-tenth of the total. Between 1900 and 1910 increases occurred in each of the four groups between 3 and 99 acres. The "175 to 259 acres" group and the "260 to 499 acres" group also increased, but by smaller ratios. Decreases occurred in the number of farms of 100

to 174 acres and of 500 acres and over. Farms of from 3 to 49 acres constitute a larger proportion of all farms now than in 1900; farms of 50 acres and over, a smaller proportion. The number of places reported as farms of under 3 acres is less than one-fourth as great as 10 years ago. This decrease may be due to a different interpretation by the enumerators as to what constitutes a small farm, or may represent an actual decrease in that type of farm.

The following table shows the distribution of farms by size groups at the censuses of 1910 and 1900:

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
All farmers.....	214,678	178,694	35,984	20.1	100.0	100.0
Under 3 acres.....	114	629	-415	-78.4	0.1	0.3
3 to 9 acres.....	6,270	3,945	2,325	58.9	2.9	2.2
10 to 19 acres.....	29,375	20,191	9,684	48.0	13.9	11.3
20 to 49 acres.....	74,933	55,332	19,651	35.5	34.9	31.0
50 to 99 acres.....	45,373	38,595	6,778	17.6	21.1	21.6
100 to 174 acres.....	39,353	42,007	-2,654	-6.3	18.3	23.5
175 to 250 acres.....	11,135	10,569	566	5.4	5.2	5.9
250 to 499 acres.....	6,014	5,871	143	2.4	2.8	3.3
500 to 999 acres.....	1,163	1,239	-76	-6.1	0.5	0.7
1,000 acres and over.....	398	416	-18	-4.3	0.2	0.2
White.....	151,085	131,711	19,374	14.7	100.0	100.0
Under 3 acres.....	99	441	-342	-77.6	0.1	0.3
3 to 9 acres.....	3,554	2,374	1,180	49.7	2.4	1.8
10 to 19 acres.....	13,602	10,629	2,973	28.0	9.0	8.1
20 to 49 acres.....	43,327	32,110	11,717	36.5	29.0	24.4
50 to 99 acres.....	37,182	31,321	5,861	18.7	24.6	23.8
100 to 174 acres.....	35,555	38,112	-2,557	-6.7	23.5	28.0
175 to 250 acres.....	10,226	9,747	479	4.9	6.8	7.4
250 to 499 acres.....	5,554	5,431	133	2.4	3.7	4.1
500 to 999 acres.....	1,091	1,157	-66	-5.7	0.7	0.9
1,000 acres and over.....	385	330	-4	-1.0	0.3	0.3
Colored.....	63,593	46,983	16,610	35.4	100.0	100.0
Under 3 acres.....	15	88	-73	-83.0	(²)	0.2
3 to 9 acres.....	2,716	1,571	1,145	72.9	4.3	3.8
10 to 19 acres.....	16,273	9,592	6,711	70.2	25.6	20.4
20 to 49 acres.....	31,156	23,222	7,934	34.2	49.0	49.4
50 to 99 acres.....	8,191	7,274	917	12.6	12.9	15.5
100 to 174 acres.....	3,798	3,895	-97	-2.5	6.0	8.3
175 to 250 acres.....	909	822	87	10.6	1.4	1.7
250 to 499 acres.....	450	440	10	2.3	0.7	0.9
500 to 999 acres.....	72	82	-10	-12.2	0.1	0.2
1,000 acres and over.....	13	27	-14	-51.9	(²)	0.1

¹ A minus sign (-) denotes decrease. ² Less than one-tenth of 1 per cent.

Farms of 20 to 49 acres constituted the most numerous size group among the farms both of white and of colored farmers, forming 29 per cent of the total in the former instance and 49 per cent in the latter; in the case of white farmers, farms of 50 to 99 acres ranked second, with 24.6 per cent of the total, while in that of colored farmers, farms of 10 to 19 acres ranked second, constituting 25.6 per cent of the total. Of the farms operated by colored farmers 29.9 per cent were returned as farms of less than 20 acres, as compared with 11.5 per cent of the farms of white farmers.

The next table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 36,259), and also the farms of between 175 and 499 acres (numbering 17,149).

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	17,416,075	16,635,719	8,076,254	6,953,735	\$309,166,813	\$135,182,170
Under 20 acres.....	476,539	331,590	467,555	319,440	21,086,055	7,507,820
20 to 49 acres.....	2,343,264	1,806,004	1,944,165	1,418,201	70,534,909	20,352,050
50 to 99 acres.....	3,299,148	2,867,527	1,799,792	1,461,034	63,280,020	25,751,500
100 to 174 acres.....	5,395,529	5,015,487	1,993,878	1,968,159	66,823,373	33,751,480
175 to 499 acres.....	4,316,389	4,155,598	1,465,435	1,349,149	57,492,644	27,118,000
500 to 999 acres.....	763,283	811,737	228,306	241,445	14,164,369	6,785,110
1,000 acres and over.....	821,923	748,776	187,123	206,307	15,785,443	7,825,530

The following table shows the per cent distribution, by size groups, of the items presented in the preceding table, and also of the number of farms:

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	16.9	13.8	2.7	2.0	5.8	4.0	0.8	0.6
20 to 49 acres.....	34.9	31.0	13.5	10.9	24.1	20.4	22.8	19.5
50 to 99 acres.....	21.1	21.6	18.9	17.2	22.3	21.0	20.5	19.0
100 to 174 acres.....	18.3	23.5	31.0	35.6	24.7	28.2	21.6	25.0
175 to 499 acres.....	8.0	9.2	24.8	25.0	18.0	19.4	18.6	20.1
500 to 999 acres.....	0.5	0.7	4.4	4.9	2.8	3.5	4.6	5.0
1,000 acres and over.....	0.2	0.2	4.7	4.5	2.3	3.0	5.1	5.3

Of the total farm acreage of the state in 1910, 31 per cent was in farms of 100 to 174 acres, and 24.8 per cent in farms of 175 to 499 acres, these two being from the standpoint of aggregate acreage the most important size groups. Between 1900 and 1910 there were increases in the proportion of the total acreage in farms of under 100 acres and also in farms of 1,000 acres and over and decreases in the proportion in farms of intermediate size.

As shown by the next table, the percentage of farm land improved diminishes as the average size of the farms increases. For this reason and also because buildings have normally a higher value in proportion to farm acreage on small than on large farms, the average value of land and buildings per acre of land is highest for the small farms, being \$44.25 for farms of under 20 acres, and \$30.10 for farms of 20 to 49 acres.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
			Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900
Total.....	46.4	41.8	\$1,440	\$757	\$17.75	\$8.13
Under 20 acres.....	98.1	96.3	582	308	44.25	22.91
20 to 49 acres.....	83.0	78.5	941	476	30.10	14.59
50 to 99 acres.....	54.6	51.0	1,395	667	19.18	8.98
100 to 174 acres.....	37.0	33.1	1,698	803	12.38	5.71
175 to 499 acres.....	33.7	32.5	3,353	1,650	13.32	6.53
500 to 999 acres.....	29.9	29.7	12,179	5,476	18.50	8.39
1,000 acres and over.....	22.8	27.6	39,662	18,811	19.21	10.45

Color and nativity of farmers: 1910.—Prior to the Thirteenth Census no attempt was made to secure information on the farm schedules concerning the nativity of farmers. The table which follows shows the color and nativity of farm operators by character of tenure for 1910:

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Owners.	Tenants.	Managers.	Per cent of total.		
	Number.	Per cent distribution.				Owners.	Tenants.	Managers.
Total.....	214,678	100.0	106,649	107,266	763	49.7	50.0	0.4
Native white.....	148,027	69.2	89,839	58,081	707	60.4	39.1	0.5
Foreign-born white.....	2,458	1.1	2,148	300	10	87.4	12.2	0.4
Negro and other nonwhite.....	63,593	29.6	14,662	48,885	46	23.1	76.9	0.1

Of the farmers in Arkansas, 151,085, or about 70 per cent, were whites and 63,593, or almost 30 per cent, nonwhites. All but 2,458 of the white farmers were native born. Of the nonwhite farmers, 63,578, or nearly all, were negroes, only 15 being Indians. Among the native white farmers, 39.1 per cent were tenants, as compared with only 12.2 per cent among the very small number of foreign-born white. Among non-white farmers the tenants constituted more than three-fourths (76.9 per cent) of the total number.

Of the 2,458 foreign-born white farmers in Arkansas in 1910, 1,247 were born in Germany, 201 in England, 142 in Switzerland, 117 in Ireland, 113 in Canada, 105 in Austria, 91 in Italy, 69 in Sweden, 69 in France, and 57 in Hungary. Other European countries were represented by a total of 229 farmers, and non-European countries, other than Canada, by 18.

DOMESTIC ANIMALS, POULTRY, AND BEES.

Domestic animals on farms: 1910.—The census of 1910 was taken as of April 15 and that of 1900 as of June 1. Since a great many domestic animals are born during the six weeks between April 15 and June 1, and on the other hand a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not closely comparable, and the same is true in somewhat less degree of the values. For this reason the figures for 1900 are not presented in this bulletin, but in the general reports of the census the figures for the several states will be presented and the extent to which their comparability is affected by the change in the date of enumeration will be discussed.

Of the total number of farms enumerated, 200,788, or 93.5 per cent, report domestic animals of some kind, the number without any domestic animals being 13,890.

Cattle are reported by 78 per cent of all the farms in the state, "dairy cows" by 76.2 per cent, and "other cows" by 19.9 per cent. The total number of cows increased materially during the decade, and the average value of "dairy cows" increased from \$20.31 to \$22.36, while that of "other cows" decreased from \$16.15 to \$14.21.

In 1900 the census was taken as of June 1, after all the spring calves were born, and the group "calves" included all cattle less than 1 year of age, while the census of 1910 was taken as of April 15, and only calves born in 1910 were included in the comparative group. As a result the number of calves reported decreased from 254,473 to 169,240, and their average value decreased from \$5.58 to \$4.86.

Horses and colts are reported by 57.9 per cent of all the farms in the state, but only 6.4 per cent report yearling colts and 3.6 per cent report spring colts. The average value of mature horses is over twice that reported in 1900. Mules and mule colts are reported by 51.2 per cent of the farms and number about seven-eighths as many as horses. The

average values of mules are considerably higher than those of horses of the corresponding age groups.

The following table summarizes the statistics of domestic animals on farms for the state, recorded as of April 15, 1910. Cattle and sheep are divided into age and sex groups, while horses, mules, and swine are presented by age groups only.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	200,788	93.5	.....	\$71,794,480	.....
Cattle	167,494	78.0	1,028,071	15,460,666	\$15.04
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	163,043	76.2	425,793	9,522,308	22.36
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	42,651	19.9	146,199	2,077,157	14.21
Heifers born in 1909.....	72,261	33.7	137,849	1,211,494	8.79
Calves born after Jan. 1, 1910.....	94,528	44.0	169,240	822,170	4.86
Steers and bulls born in 1909.....	37,995	17.7	88,895	704,732	8.94
Steers and bulls born before Jan. 1, 1909.....	12,142	5.7	57,233	992,708	17.35
Unclassified cattle.....	82	(¹)	2,862	40,037	13.99
Horses	124,393	57.9	254,716	23,152,209	90.99
Marcs, stallions, and geldings born before Jan. 1, 1909.....	123,368	57.5	228,479	21,878,918	95.76
Colts born in 1909.....	13,756	6.4	17,382	939,708	54.07
Colts born after Jan. 1, 1910.....	7,824	3.6	8,855	333,523	37.66
Mules	110,014	51.2	222,200	27,128,027	122.06
Mules born before Jan. 1, 1909.....	105,549	49.2	206,452	26,198,831	126.90
Mule colts born in 1909.....	7,425	3.5	11,203	741,838	66.22
Mule colts born after Jan. 1, 1910.....	4,013	1.9	4,545	187,358	41.22
Asses and burros	1,815	0.8	3,098	469,738	151.63
Swine	157,209	73.2	1,518,947	5,170,924	3.40
Hogs and pigs born before Jan. 1, 1910.....	151,508	70.6	1,150,787	4,607,057	4.00
Pigs born after Jan. 1, 1910.....	51,299	23.9	368,180	563,867	1.53
Sheep	8,397	3.9	144,189	327,984	2.27
Ewes born before Jan. 1, 1910.....	8,071	3.8	80,285	211,703	2.64
Rams and wethers born before Jan. 1, 1910.....	4,758	2.2	16,232	41,478	2.56
Lambs born after Jan. 1, 1910.....	6,335	3.0	47,672	74,803	1.57
Goats	4,790	2.2	58,294	84,938	1.46

¹ Less than one-tenth of 1 per cent.

The farms reporting sheep number 8,397, or only 3.9 per cent of all the farms in the state, whereas 10.2 per cent of all farms reported sheep in 1900. Of the farms reporting sheep in 1910, 75.4 per cent report spring lambs, the number of the latter being 59.4 per cent of the number of ewes. The average flock in the state, including all classes, is about 17 sheep, and the number of ewes per farm reporting is about 10.

Of all farms, 73.2 per cent report swine, the average number being about 10 per farm reporting. Only 23.9 per cent report spring pigs, which is probably accounted for largely by the early date of enumeration. The average value of swine reported as "hogs and pigs born before January 1, 1910," is \$4 and that of spring pigs \$1.53.

Poultry on farms: 1910 and 1900.—The number of fowls on Arkansas farms during the last decade decreased 304,306, or 5 per cent, whereas the value increased \$523,000, or 34 per cent. All classes of fowls decreased in number. The number of farms reporting poultry increased from 156,922 to 183,816, or 17.1 per cent. Only 336 of the farms reporting fowls fail to report chickens, the value of the latter class being 81.5 per cent of the total value of poultry. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

The following table gives the numbers of the various kinds of poultry reported in 1910 and 1900, together with their value and the number of farms reporting each kind in 1910:

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	
	Number.	Per cent of all farms.			
Total.....	183,816	85.6	5,788,570	\$2,063,432	6,092,876
Chickens.....	183,480	85.6	5,182,070	1,682,112	5,338,157
Turkeys.....	20,955	9.8	83,550	107,185	140,661
Ducks.....	18,323	8.5	109,433	95,921	180,533
Geese.....	38,094	17.7	343,993	161,973	378,475
Guinea fowls.....	11,010	5.1	52,287	16,123	(¹)
Pigeons.....	1,491	0.7	16,339	8,339	(¹)
Ostriches.....	1	(²)	147	56,500	(²)
Peafowls.....	38	(²)	99	274	(²)
Wild geese.....	1	(²)	2	5	(²)

¹ Included with chickens. ² Not reported.
³ Less than one-tenth of 1 per cent.

Bees on farms: 1910 and 1900.—The number of farms reporting bees has decreased from 22,182 in 1900 to 19,692 in 1910, or 11.2 per cent. The number of col-

onies of bees decreased from 111,138 to 92,731, or 16.6 per cent, and their value decreased from \$204,340 to \$200,049, or 2.1 per cent. The average value per colony was \$2.16 in 1910, as against \$1.84 in 1900. The average value of bees per farm reporting was \$9.21 in 1900 and \$10.16 in 1910. About one farm in every eleven reports bees.

Domestic animals not on farms: 1910.—Most of the domestic animals not on farms are found in cities, towns, and villages. Statistics for such animals are shown below. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the table age groups are omitted for the sake of brevity.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	36,326	.....	\$6,631,812	.....
All cattle.....	25,280	63,632	1,374,753	\$21.60
Dairy cows.....	24,212	34,670	1,050,051	30.65
Horses.....	18,476	33,040	3,595,799	108.83
Mules.....	3,310	9,728	1,358,306	139.63
Asses and burros.....	164	260	51,505	191.47
Swine.....	11,461	50,173	244,051	4.34
Sheep.....	83	1,187	2,945	2.48
Goats.....	413	2,084	4,453	2.14

Horses are by far the most important class of domestic animals not on farms when value is considered, but the number of cattle (including dairy cows), and of dairy cows alone, as well as the number of swine, is greater than the number of horses.

Domestic animals on farms and not on farms: 1910.—The following table gives the total number and value of domestic animals, distinguishing those on farms from those not on farms:

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....	.....	\$78,426,298	.....	\$71,794,486	.....	\$6,631,812
All cattle.....	1,091,703	16,835,419	1,028,071	15,460,066	63,632	1,374,753
Dairy cows.....	460,493	10,581,419	425,793	9,522,368	34,670	1,050,051
Horses.....	287,756	26,748,008	254,716	23,152,209	33,040	3,595,799
Mules.....	231,928	28,486,333	222,200	27,128,027	9,728	1,358,306
Asses and burros.....	3,367	521,243	3,098	469,738	260	51,505
Swine.....	1,575,120	5,414,975	1,518,947	5,170,924	60,173	244,051
Sheep.....	145,376	330,929	144,189	327,984	1,187	2,945
Goats.....	60,378	80,361	58,294	84,938	2,084	4,453

The total value of all domestic animals in the state in 1910 was \$78,426,000, of which the value of animals not on farms constituted 8.5 per cent.

LIVE STOCK PRODUCTS.

The returns for live stock products obtained at the census of 1910, like those for crops, relate to the activities of the calendar year 1909. It is impossible to give a total representing the annual production of live stock products for the reason that, as shown elsewhere, the total value of products from the business of raising domestic animals for use, sale or slaughter

can not be calculated from the census returns. Even if this value could be ascertained and were added to the value of the crops the sum would not correctly represent the total value of farm products, because, as already more fully explained, duplication would result from the fact that part of the crops are fed to the live stock.

Dairy products: 1909 and 1899.—The following table shows the principal statistics relative to dairy products in 1909, with certain comparative statistics for 1899:

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	163,643	76.2	425,793	Head..		
On farms reporting dairy products in 1909.....	137,305	64.0	375,018	Head..		
On farms reporting milk produced in 1909.....	133,773	62.3	361,009	Head..		
Specified dairy products, 1909:						
Milk reported.....			83,081,875	Gals..		
Butter made.....	139,635	65.0	29,907,337	Lbs...	\$5,883,584	\$0.20
Cheese made.....	120	0.1	20,435	Lbs...	3,027	0.15
Milk sold.....	4,941	2.3	3,052,322	Gals..	638,755	0.16
Cream sold.....	132	0.1	53,302	Gals..	43,642	0.82
Butter fat sold.....	183	0.1	74,607	Lbs...	18,420	0.25
Butter sold.....	37,672	17.5	3,694,311	Lbs...	803,841	0.22
Cheese sold.....	36	(1)	8,496	Lbs...	1,224	0.14
Total receipts from sales, 1909.....					1,505,882	
Total value of milk cream, and butter fat sold and butter and cheese made, 1909.....					6,587,428	
Specified dairy products, 1899:						
Butter made.....	107,924	60.4	21,585,258	Lbs...		
Cheese made.....	85	(1)	18,335	Lbs...		
Butter sold.....			3,797,646	Lbs...	596,785	0.16
Cheese sold.....			8,032	Lbs...	849	0.11

¹ Less than one-tenth of 1 per cent.

The number of farms reporting dairy cows on April 15, 1910, was 163,643, but only 137,305 reported dairy products in 1909. That there should be this difference is not surprising. Doubtless some farmers who had dairy cows in 1910 had none in 1909, while other farmers neglected to give information for the preceding year, or were unable to do so, perhaps because the farm was then in other hands. Dairy products in general are somewhat less accurately reported than the principal crops. This is particularly the case as regards the quantity of milk produced. The number of farms which made any report of milk produced during 1909 was 133,773 (considerably less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 361,000. The amount of milk reported was 83,082,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 230 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk and cream sold as such and sold on the butter fat basis and

the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$6,587,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

Less than one-twentieth of the milk reported as produced by Arkansas farmers in 1909 was sold as such. The butter made on farms in 1909 was valued at \$5,884,000.

Comparisons are made between 1909 and 1899 for but few of the census items relating to dairy products, for the reason that in 1899 estimates were made for farms with incomplete reports, which was not done at the census of 1910. The figures for milk produced and milk sold are particularly affected, but those for butter and cheese are approximately comparable. The table shows a material increase between 1899 and 1909 in the amount of butter made, and also an increase in the production of cheese, which, however, is still unimportant.

Wool: 1909 and 1899.—The table below gives statistics as to the production of wool on farms, the figures being partly based on estimates:¹

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	7,926	96,517			
Wool produced, as reported, 1909.	4,883		73,576	274,075	\$62,882
On farms reporting sheep April 15, 1910.....	4,460	93,029	66,704	248,457	56,725
On other farms.....	414		6,782	26,218	5,657
Total production of wool (partly estimated):					
1909.....			101,318	376,877	86,045
1899.....			194,726	386,474	118,922
Decrease, 1899 to 1909.....			93,408	259,597	32,877
Per cent of decrease.....			48.0	40.8	27.6

The total number of sheep of shearing age in Arkansas, on April 15, 1910, was 96,517, representing a decrease of 42.8 per cent as compared with the number on June 1, 1900 (168,761). The approximate production of wool during 1909 was 101,000 fleeces, weighing 377,000 pounds and valued at \$86,000. Of these totals, about one-fourth represents estimates. The number of fleeces produced in 1909 was 48 per cent less than in 1899. The average weight per fleece in 1909 was 3.7 pounds, as compared with 3.3 pounds in

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 3,457 farmers who reported the possession of 32,888 sheep of shearing age on April 15, 1910, without reporting any wool produced in 1909. Probably in a large proportion of cases this failure was due to the fact that they did not have these sheep, or did not occupy the same farm, during the preceding year. The returns of farms reporting wool in 1909, but no sheep of shearing age on April 15, 1910, would partially make up this deficiency, but it is believed that in many cases enumerators, having found that a farm had no sheep in 1910, omitted the inquiry as to wool produced in 1909 and thus missed more or less wool actually produced. It is a fairly safe assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. Statistics for this group of farms are given in the table, and the total wool product, estimated on the basis of the above assumption, is also given.

1899, and the average value per pound was 23 cents, as compared with 19 cents in 1899.

Goat hair and mohair: 1909.—Although 4,790 farmers reported 58,294 goats and kids on their farms April 15, 1910, only 194 reported the production of goat hair or mohair during 1909. These farmers reported 3,118 fleeces, weighing 7,265 pounds and valued at \$1,516.

Poultry products: 1909 and 1899.—The statement below gives data relative to the production and sale of eggs and poultry:

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	183,816	5,788,570	.....	.....
On farms reporting eggs produced in 1909.....	150,349	5,128,457	.....	.....
On other farms.....	33,467	660,113	.....	.....
Eggs produced, as reported, 1909.....	152,160	.....	.....	.....
Total production of eggs (partly estimated):			<i>Dozens.</i> 23,608,739	\$3,891,298
1909.....			27,054,674	4,459,272
1899.....			25,694,860	2,328,509
Increase, 1899 to 1909.....			1,359,814	2,130,763
Per cent of increase.....			5.3	91.5
Eggs sold, as reported, 1909.....	97,866		10,814,594	1,735,524
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	148,622	5,044,927		
On other farms.....	35,194	743,643		
Poultry raised, as reported, 1909.....	151,165		<i>No. of fowls.</i> 9,420,184	2,500,045
Total poultry raised (partly estimated):			10,808,758	2,808,592
1899.....			2,179,634	688,928
Increase, 1899 to 1909.....				51.6
Per cent of increase.....				51.6
Fowls sold, as reported, 1909.....	72,797		2,344,601	688,528

The total number of fowls on Arkansas farms on April 15, 1910, was 5,789,000. Of the 183,816 farms reporting fowls, 33,467 did not report any eggs produced in 1909, and 35,194 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 23,609,000 dozens, valued at \$3,891,000. According to the Twelfth Census reports, the production of eggs in 1899 was 25,695,000 dozens, the value being \$2,329,000. The latter figures, however, are somewhat in excess of the actual returns at that census, because they include estimates made to cover those cases where the schedules reported fowls on hand without reporting the production of eggs. In order to make the returns for 1909 comparable with those published for 1899 similar estimates have been made, the method of estimate and the justification therefor being substantially the same as in the case of wool. The total production of eggs in 1909, including these estimates, was 27,055,000 dozens, valued at \$4,459,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 10,809,000 fowls, valued at \$2,869,000.

Honey and wax: 1909.—Although, as noted elsewhere, 19,692 farms reported 92,731 colonies of bees on

hand April 15, 1910, 8,786 of these farms, with 26,488 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 913,515 pounds of honey, valued at \$107,846, and 20,403 pounds of wax, valued at \$5,122; the true totals are doubtless somewhat above these figures.

Sale or slaughter of domestic animals on farms: 1909 and 1899.—The following statement presents statistics relating to the sale or slaughter of domestic animals by Arkansas farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Per cent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$12,914,397	
Slaughtered.....				7,409,195	
Calves:					
Sold.....	20,918	13.9	86,235	487,415	\$5.65
Slaughtered.....	3,028	1.4	8,370	46,055	5.50
Other cattle:					
Sold.....	62,031	28.9	379,676	5,297,695	13.95
Slaughtered.....	11,189	5.2	38,088	496,194	13.03
Horses:					
Sold.....	13,991	6.5	22,073	1,868,641	84.66
Mules:					
Sold.....	13,210	6.2	25,443	2,844,746	111.81
Asses and burros:					
Sold.....	273	0.1	530	45,516	85.83
Swine:					
Sold.....	31,289	14.6	370,406	2,220,448	5.90
Slaughtered.....	113,636	52.9	616,350	6,838,802	11.10
Sheep:					
Sold.....	2,533	1.2	49,356	137,706	2.79
Slaughtered.....	1,250	0.6	5,705	19,050	3.34
Goats:					
Sold.....	755	0.4	3,675	12,230	1.41
Slaughtered.....	952	0.4	5,499	9,094	1.65
1899—All domestic animals:					
Sold ¹				3,752,843	
Slaughtered.....				4,927,481	

¹ Schedules called for receipts from sales of animals raised on the farms reporting.

The total value of domestic animals sold during 1909 was \$12,914,000, and that of animals slaughtered on farms \$7,409,000, making an aggregate of \$20,324,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year.

The value of the cattle (including calves) sold during 1909 represented about one-half of the total value of animals sold, and the value of mules sold represented somewhat less than one-fourth of the total.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the total value of those slaughtered during 1899, which amounted, respectively, to \$3,753,000 and \$4,927,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

CROPS.

Summary : 1909 and 1899.—The following table summarizes the census data relative to all of the farm crops of 1909 and 1899. It includes not only general farm crops, but also flowers and plants, nursery products, and forest products of farms.

In comparing one year with the other it should be borne in mind that acreage is on the whole a better

index of the general changes or tendencies of agriculture than either the quantity or the value of the crops, since variations in quantity may be due largely to temporarily favorable or unfavorable climatic conditions, and variations in the value of the crops are largely affected by changes in prices. (See also discussion of "Total value of farm products.")

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.						
	1909	1899	Increase. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.		
			Amount.	Per cent.					Amount.	Per cent.	1909	1899	
All crops.....								\$119,419,025	\$59,272,212	\$60,146,813	101.5	100.0	100.0
Crops with acreage reports.....													
Cereals.....	5,376,484	5,017,894	358,590	7.1	66.6	72.2	109,332,380	55,431,909	53,000,471	97.2	91.6	93.5	
Cereals.....	2,564,898	2,980,684	-415,786	-13.9	31.8	42.9	31,262,922	20,233,270	11,029,652	54.5	26.2	34.1	
Other grains and seeds.....	63,770	38,190	25,580	67.0	0.8	0.5	566,465	342,881	223,584	65.2	0.5	0.6	
Hay and forage.....	435,915	239,426	196,489	82.1	5.4	3.4	4,887,139	1,913,163	2,973,976	155.4	4.1	3.2	
Tobacco.....	758	1,887	-1,129	-59.8	(?)	(?)	40,489	85,395	-44,906	-52.6	(?)	0.1	
Cotton (including cotton seed).....	2,153,222	1,641,855	511,367	31.1	26.7	23.6	63,155,683	28,053,813	35,101,870	125.1	52.9	47.3	
Sugar crops.....	36,645	18,144	18,501	102.0	0.5	0.3	814,318	394,101	420,217	106.6	0.7	0.7	
Sundry minor crops.....	932	884	-552	-62.4	(?)	(?)	8,540	12,745	-4,205	-33.0	(?)	(?)	
Potatoes and sweet potatoes and yams.....	52,107	30,757	21,350	31.1	0.6	0.6	2,709,060	1,389,750	1,400,904	101.5	2.3	2.3	
Other vegetables.....	60,251	45,355	14,896	32.8	0.7	0.7	4,843,442	2,245,587	2,597,855	115.7	4.1	3.8	
Flowers and plants and nursery products.....	554	893	-339	-38.0	(?)	(?)	352,000	156,875	195,125	124.4	0.3	0.3	
Small fruits.....	8,032	10,819	-2,787	-25.8	0.1	0.2	601,722	604,323	-2,601	-0.4	0.5	1.0	
Crops with no acreage reports.....													
Seeds.....							10,086,645	3,840,303	6,246,342	162.7	8.4	6.5	
Fruits and nuts.....							5,729	4,486	1,243	27.7	(?)	(?)	
Maple sugar and sirup.....							3,142,891	3,360,200	1,776,691	130.0	2.6	2.3	
Forest products of farms.....							230	.....	230	.....	(?)	.....
Miscellaneous.....							6,914,262	2,468,718	4,445,544	189.1	5.8	4.2	
							23,533	899	22,634	2,517.7	(?)	(?)	

¹ A minus sign (-) denotes decrease.

² Less than one-tenth of 1 per cent.

³ Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The general character of Arkansas agriculture is indicated by the fact that more than one-half (52.9 per cent) of the total value of crops in 1909 was contributed by cotton, and about one-fourth (26.2 per cent) by the cereals. The remainder, representing 20.9 per cent of the total, consisted mostly of potatoes and other vegetables, forest products, and hay and forage.

The total value of crops in 1909 was 101.5 per cent greater than in 1899, this increase being no doubt due in part to higher prices. There was an increase of 7.1 per cent in the total acreage of crops for which acreage was reported, the greatest absolute increase being in the acreage of cotton, while the acreage of cereals showed a material decrease.

The total value of crops in 1909 was \$119,419,000. Of this amount, 91.6 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which acreage was reported was 5,376,484, representing 66.6 per cent of the total improved land in farms (8,076,254 acres). Most of the remaining improved land doubtless consisted of improved pasture, land

lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage for which was not reported.

General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.—The next table presents statistics for 1909 regarding cereals, other grains and seeds, hay and forage, potatoes, tobacco, cotton, and sundry minor crops.

The leading crops covered by the table, in the order of their importance as judged by value, are cotton, \$54,560,000; corn, \$27,910,000; cotton seed (estimated), \$8,596,000; and hay and forage, \$4,887,000. It should be noted, however, that the value of forest products of farms, statistics for which are shown elsewhere, is greater than that of hay and forage.

In acreage the combined cereals exceed cotton, while their value is only about three-fifths as great. Corn is the leading cereal, representing almost 90 per cent of the total acreage and value of the cereals. The small remainder of the cereal group is made up principally of oats, wheat, and rice, ranking in acreage in the order named.

Among the hay and forage crops "wild, salt, or prairie grasses" ranks first in acreage and second in value; "grains cut green," second in acreage and first in value; and "timothy and clover mixed," third in

both acreage and value. In acreage and value, respectively, these crops together constitute about two-thirds and three-fifths of the entire crop.

Cotton is the crop of greatest value in the state. Its product in 1910 was valued at more than one and one-third times as much as all the other crops here reported. In acreage it is exceeded, but only slightly, by corn alone.

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total		2,564,898	42,655,830	Bu.	\$31,262,922
Corn.....	176,106	2,277,116	37,609,544	Bu.	27,910,044
Oats.....	31,836	197,449	3,212,891	Bu.	1,641,752
Wheat, total.....	5,197	60,426	526,414	Bu.	532,712
Common winter and spring.....	5,196	60,413	526,352	Bu.	532,672
Durum or macaroni.....	1	13	62	Bu.	40
Emmer and spelt.....	8	12	132	Bu.	134
Barley.....	41	82	1,267	Bu.	1,136
Buckwheat.....	13	20	123	Bu.	133
Rye.....	303	1,080	7,354	Bu.	6,834
Kafir corn and milo maize.....	530	1,294	15,284	Bu.	12,074
Rough rice.....	290	27,419	1,282,830	Bu.	1,158,103
Other grains and seeds with acreage report, total		63,770	402,420	Bu.	566,465
Dry edible beans.....	538	2,819	4,080	Bu.	6,588
Dry peas.....	13,821	52,730	229,444	Bu.	370,070
Peanuts.....	10,025	10,192	168,608	Bu.	183,364
Seeds with no acreage report, total					5,729
Timothy seed.....	1	(³)	2	Bu.	3
Clover seed.....	54	(³)	375	Bu.	3,448
Alfalfa seed.....	2	(³)	24	Bu.	240
Millet seed.....	2	(³)	248	Bu.	281
Other tame grass seed.....	27	(³)	531	Bu.	921
Flower and garden seeds.....	6	(³)			836
Hay and forage, total	55,909	435,915	461,817	Tons.	4,887,139
Timothy alone.....	4,579	36,994	35,113	Tons.	428,939
Timothy and clover mixed.....	6,471	69,855	72,190	Tons.	826,794
Clover alone.....	2,468	17,004	18,369	Tons.	210,938
Alfalfa.....	2,363	15,929	33,231	Tons.	443,875
Millet or Hungarian grass.....	4,954	13,647	14,652	Tons.	164,842
Other tame or cultivated grasses.....	5,398	36,138	40,449	Tons.	412,565
Wild, salt, or prairie grasses.....	9,139	112,741	119,873	Tons.	387,264
Grains cut green.....	23,779	106,589	96,940	Tons.	1,235,214
Coarse forage.....	9,439	27,038	30,957	Tons.	270,288
Root forage.....	7	10	43	Tons.	420
Potatoes	79,127	29,719	2,096,893	Bu.	1,439,991
Sweet potatoes and yams	53,297	22,388	1,685,308	Bu.	1,359,669
Tobacco	3,329	758	310,418	Lbs.	40,489
Cotton	148,311	2,153,222	776,879	Bales.	54,559,503
Cotton seed (estimated)			388,440	Tons.	8,599,180
Sundry minor crops, total		332			8,540
Broom corn.....	294	332	106,576	Lbs.	8,198

¹ Includes small amounts of flaxseed, sorghum cane seed, and sunflower seed.
² A considerable amount of this acreage is probably a duplication of other crop acreage.
³ The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers and plants, etc.
⁴ Includes a small amount of ginseng.

Potatoes and sweet potatoes and yams are also important crops. The value of each is exceeded by that of oats, and of the two great staples, cotton and corn.

The fluctuations in the acreages of some of the principal crops during the past 30 years are shown in the following table:

CROP YEAR	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Hay and forage.	Potatoes.	Cotton.
1909.....	2,277,116	197,449	60,426	435,915	29,719	2,153,222
1899.....	2,317,742	280,115	378,458	239,426	26,486	1,641,855
1889.....	1,648,443	283,332	140,464	135,290	14,442	1,700,878
1879.....	1,298,510	166,513	204,084	25,749	(¹)	1,042,976

¹ Not reported.

For the whole period 1879 to 1909 cotton shows a marked increase. Its acreage increased during the first decade, fell off slightly during the second, and made a substantial gain during the third. Corn shows a steady gain for the first two decades, with a slight loss during the last. Hay and forage, though small in acreage, has increased rapidly throughout the period. Oats, after a large increase in the first decade, decreased rapidly throughout those succeeding, having fallen off 82,666 acres during the last decade. During the 20 years since 1889 potatoes have more than doubled in acreage. The acreage of wheat shows a falling off during the first decade, a large increase during the second, followed by an even greater decrease, 319,027 acres, during the third.

The following table shows for 1909 and 1899 the percentage which the farms reporting specified crops represented of all farms, the percentage of improved land devoted to these crops, and the percentage of increase or decrease in the acreage of each crop during the decade, together with the average yields and average values per acre for 1909:

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres, 1899 to 1909. ¹	AVERAGE YIELD PER ACRE.		AVERAGE VALUE PER ACRE.	
	1909	1899	1909	1899		1909	1909		
	Corn.....	82.0	80.3	28.2	33.3	-1.8	14.8 Bu.	\$12.26	
Oats.....	14.8	26.1	2.4	4.0	-20.5	16.3 Bu.	8.31		
Wheat.....	2.4	19.7	0.7	5.5	-84.1	8.7 Bu.	8.82		
Rough rice.....	0.1	(²)	0.3	(²)		46.8 Bu.	42.24		
Hay and forage.....	26.0	24.2	5.4	3.4	82.1	1.06 Tons.	11.21		
Potatoes.....	36.9	31.7	0.4	0.4	12.2	70.6 Bu.	48.43		
Cotton.....	69.1	66.4	26.7	23.6	31.1	0.36 Bala.	25.34		

¹ A minus sign (-) denotes decrease. ² Less than one-tenth of 1 per cent.

Out of every 100 farms, corn is reported by 82; cotton, by 69; potatoes, by 37; hay and forage, by 26; oats, by 15; and wheat, by 2. The percentages for corn, oats, and wheat show decreases, while those for hay and forage, potatoes, and cotton show increases, as compared with the percentages in 1899.

The seven crops included in the above table cover about 64 per cent of the improved land of the state. This percentage is somewhat lower than that of 10 years ago. Hay and forage and cotton show increases, corn, wheat, and oats decreases, in the proportion of improved land occupied, compared with that of 1899, while potatoes show the same proportion for both censuses. The decrease in the cereals is 415,786 acres, or 13.9 per cent; the increase in hay and forage, 196,489 acres, or 82.1 per cent.

The average value per acre of the combined cereals is \$12.19. Of the important cereals, corn and rice are above this average, wheat and oats below it. In average value per acre hay and forage is slightly less than the cereals, while that of cotton is more than twice as great.

Although in the acreage of corn there is a decrease for the state as a whole, many counties report in-

creases. These increases are located in four distinct groups, varying in size from 2 to 18 counties. The most important group, comprising 18 counties, extends from the southwestern corner up to about the middle of the western boundary and thence off toward the north central part of the state. The second group, consisting of 5 counties, is located in the northeastern corner; the third, of 3 counties, Union, Ashley, and Chicot, forms a row along the southern boundary; and the fourth, of 2 counties, St. Francis and Lee, is about the middle of the eastern boundary. Yell County shows the largest absolute increase; Madison County, the largest absolute decrease. The largest acreage is reported for Washington County. In the acreage of hay and forage only 5 counties show decreases. Four, Lonoke, Arkansas, Desha, and Phillips, form a group in the eastern part of the state, lying principally between the Arkansas and Mississippi Rivers. Washington County shows the largest absolute increase. More than one-fifth of the total acreage is reported from 4 counties, Washington and Benton in the northwestern corner, and Arkansas and Prairie in the east central part of the state. In the acreage of cotton the increases are quite evenly distributed throughout the state. However, with the exception of 2 separate counties, Drew and Union, decreases are found in three distinct groups. The first is composed of 7 counties and extends along the northern boundary from about the middle to the extreme northwestern corner; the second, of 3 counties, Pike, Clark, and Dallas, just to the southwest of the center of the state; and the third, of 2 counties, Little River and Miller, in the extreme southwestern corner in the Red River Valley. The greatest absolute increase is recorded for Jefferson County. In the acreage of oats about four-fifths of the counties show decreases, the largest decrease being reported for Yell County. Washington County shows the largest absolute increase. In acreage potatoes are quite evenly distributed throughout the state. Sweet potatoes and yams are also reported generally throughout the state, though the greatest acreages are recorded for those counties south of the Arkansas River. Rough rice is reported for only one-fifth of the counties of the state. With the exception of Washington, Hempstead, and Hot Spring, these counties lie in the eastern portion of the state in the Arkansas, White, and Mississippi River Valleys. Arkansas County reports more than one-half of the total acreage. Nearly three-fifths of the wheat acreage is reported by 5 counties, Washington, Carroll, Benton, Boone, and Madison, in the extreme northwestern corner of the state.

Vegetables, flowers and plants, and nursery products: 1909 and 1899.—The next table shows details with regard to vegetables (not including potatoes and sweet potatoes and yams, which appear elsewhere), and also with regard to flowers and plants and nursery products.

In 1909 the total acreage of potatoes and other vegetables was 112,358 and their value \$7,643,102. Excluding (so far as separately reported ¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 60,251, and their value \$4,843,000, both acreage and value being materially greater than in 1899.

The raising of flowers and plants and of nursery products is also of some importance in Arkansas, 554 acres being devoted to them in 1909, and the output being valued at \$352,000. Most of the product was raised on farms where these branches of agriculture were carried on as an important business.

CROP.	FARMS REPORTING, 1909		ACRES.		VALUE OF PRODUCTS.	
	Number.	Per cent. of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	1149,093	69.5	60,251	45,355	\$4,843,442	\$2,245,587
Farms reporting a product of \$500 or over.....	146	0.1	1,175	.....	121,472	.....
All other farms.....	148,947	69.4	59,076	.....	4,721,970	.....
Flowers and plants, total.....	57	(2)	26	25	153,421	25,830
Farms reporting a product of \$250 or over.....	17	(2)	.....	.....	161,811	.....
All other farms.....	40	(2)	.....	.....	1,610	.....
Nursery products, total.....	133	0.1	528	868	198,579	131,045
Farms reporting a product of \$250 or over.....	28	(2)	.....	.....	189,076	.....
All other farms.....	105	(2)	.....	.....	9,503	.....

¹ Does not include 20,017 farms which reported that they had vegetable gardens, but gave no information as to their products.
² Less than one-tenth of 1 per cent.

Small fruits: 1909 and 1899.—The following table shows data with regard to small fruits on farms:

CROP.	Number of farms reporting, 1909	ACRES.		Quantity (quarts), 1909	Value, 1909
		1909	1899		
Small fruits, total.....	.....	8,032	10,819	8,965,573	\$601,722
Strawberries.....	3,869	7,361	9,611	8,259,240	549,041
Blackberries and dewberries.....	1,430	525	769	587,077	40,843
Raspberries and loganberries.....	449	123	345	96,414	9,706
Currants.....	58	4	5	3,201	390
Gooseberries.....	304	19	29	18,163	1,630
Cranberries.....	4	(¹)	.....	288	26
Other berries.....	4	(¹)	60	284	26

¹ Reported in small fractions.

Strawberries are by far the most important of the small fruits raised in Arkansas, with blackberries and dewberries ranking next. The total acreage of small fruits in 1909 was 8,032 and in 1899, 10,819, a decrease of 25.8 per cent. The production in 1909 was 8,966,000 quarts, as compared with 14,098,000 quarts in 1899, and the value was \$602,000 in 1909, as compared with \$604,000 in 1899.

Orchard fruits, grapes, nuts, and tropical fruits: 1909 and 1899.—The following table presents data with regard to orchard fruits, grapes, nuts, and tropical

¹ It is probable that some of the potatoes and sweet potatoes and yams raised in farm gardens were not reported separately by farmers, but were included in their returns for vegetables.

fruits. The acreage devoted to these products was not ascertained. In comparing one year with the other the number of trees or vines of bearing age is on the whole a better index of the general changes or tendencies than the quantity of product, but the data for the censuses of 1910 and 1900 are not closely comparable, and the product is therefore compared, although variations may be due largely to temporarily favorable or unfavorable climatic conditions.

CROP.	TREES OR VINES OF BEARING AGE, 1910		TREES OR VINES NOT OF BEARING AGE, 1910		PRODUCT.		
	Farms report- ing.	Number.	Farms report- ing.	Number.	1909		1899
					Quan- tity. ¹	Value.		Quan- tity.^{1}
Orchard fruits, total	15,531,761	7,258,166	4,437,917	\$3,011,377	3,359,865		
Apples.....	67,716	7,650,103	46,394	3,940,089	2,290,043	1,322,785	2,811,182
Peaches and nectarines.....	77,332	6,859,962	40,889	2,834,927	1,901,647	1,592,996	333,642
Pears.....	19,024	221,764	18,615	196,753	37,547	38,140	24,503
Plums and prunes.....	23,884	731,276	10,656	179,967	194,649	137,003	174,734
Cherries.....	8,845	60,046	6,263	47,556	5,993	8,424	7,889
Apricots.....	1,392	2,954	1,650	4,820	1,097	1,091	391
Quinces.....	1,081	5,147	1,014	3,737	650	751	(²)
Mulberries.....	62	509	27	317	291	187	(²)
Unclassified.....							³ 7,524
Grapes.....	11,247	895,921	4,851	177,624	2,593,727	97,985	3,621,100
Nuts, total	425,805	21,396	478,854	27,513	533,700		
Persian or English walnuts.....	182	1,284	182	1,260	15,436	1,384	
Almonds.....	13	1,100	22	307	3,330	622	
Pecans.....	1,030	13,958	1,134	13,811	249,955	17,609	86,050
Black walnuts.....	997	9,104	511	5,640	514,273	7,795	(²)
Unclassified.....							³ 447,650
Tropical fruits, total	4,271	2,635	5,906	80,707	5,953	14,420	
Figs.....	1,466	4,174	834	2,518			

¹ Expressed in bushels for orchard fruits and pounds for grapes, nuts, and figs.
² Included with "unclassified."
³ Consists of products not separately named by the enumerator, but grouped under the designation "all other."
⁴ Includes butternuts, chinquapins, Japanese chestnuts, Japanese walnuts, chestnuts, hickory nuts, hazelnuts, and other nuts.
⁵ Includes lemons, oranges, and Japanese persimmons.

The total quantity of orchard fruits produced in 1909 was 4,438,000 bushels, valued at \$3,011,000. Apples contributed considerably more than one-half of this quantity, peaches and nectarines most of the remainder. The production of grapes in 1909 amounted to 2,593,727 pounds, valued at \$97,985, and the production of nuts to 787,854 pounds, valued at \$27,513; tropical fruits, produced in 1909, were valued at \$6,016.

The production of all orchard fruits together in 1909 was 32.1 per cent more in quantity than in 1899, while the production of grapes declined. The value of orchard fruits increased from \$1,252,000 in 1899 to \$3,011,000 in 1909, while that of grapes decreased from \$104,803 in 1899 to \$97,985 in 1909. It should be noted that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits, and the like; and may therefore involve some duplication, while the values shown for 1909 relate only to the products in their original condition.

The next table shows the quantities of the more advanced products manufactured by farmers from

orchard fruits and grapes. Values were not called for on the schedule.

PRODUCT.	FARMS REPORTING, 1909		QUANTITY PRODUCED.		
	Number.	Percent of all farms.	Unit.	1909	1899
Cider.....	896	0.4	Gals...	36,825	53,802
Vinegar.....	2,491	1.1	Gals...	42,770	67,379
Wine and grape juice.....	935	0.4	Gals...	75,070	92,581
Dried fruits.....	9,154	4.3	Lbs....	1,193,139	2,045,910

Sugar crops: 1909 and 1899.—The next table shows data with regard to maple trees and their products, and also for sugar beets, sorghum cane, and sugar cane. The total value of sorghum cane and sirup produced in 1909 was \$658,000, as compared with \$369,000 in 1899, and the total value of sugar cane products was \$152,298 in 1909, as compared with \$25,285 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Percent of all farms.		Amount.	Unit.	Value.
Maple sugar and sirup:						
Total, 1909.....	20	(¹)	1,001			\$230
Sugar made.....	15	(¹)		807	Lbs....	106
Sirup made.....	14	(¹)		68	Gals....	64
Sugar beets, 1909 ²	155	0.1	244	468	Tons....	3,945
Sorghum cane:						
Total, 1909 ⁴	31,952	14.9	33,071	93,123	Tons....	658,075
Cane grown.....	23,295	13.2		1,140,532	Gals....	563,851
Sirup made.....						308,816
Total, 1899.....						
Cane grown.....	26,927	15.1	17,684	122,779	Tons....	
Cane sold as such.....				373	Tons....	1,075
Sirup made.....				1,223,691	Gals....	367,741
Sugar cane:						
Total, 1909.....	5,288	2.5	3,330	19,565	Tons....	152,298
Cane grown.....	57	(¹)		109	Tons....	1,193
Cane sold as such.....	5,248	2.4		286,637	Gals....	151,111
Sirup made.....	2	(¹)		130	Gals....	84
Molasses made.....						25,285
Total, 1899 ⁵	458	0.3	400	4,097	Tons....	
Cane grown.....	2	(¹)		16	Tons....	62
Cane sold as such.....	1	(¹)		50	Lbs....	2
Sirup made.....	455	0.3		44,819	Gals....	18,791

¹ Less than one-tenth of 1 per cent. ³ Used as root forage.
² Number of trees. ⁴ Includes cane used as coarse forage.
⁵ Includes cane reserved for seed.

Forest products: 1909 and 1899.—The census schedules for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910;" and also, in a separate item, for the "amount received from sale of standing timber in 1909." There were 107,696 farms in Arkansas (50.2 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$6,914,262, as compared with \$2,468,718 in 1899, an increase of 180 per cent. Of the value in 1909, \$4,205,944 was reported as that of products used or to be used on the farms themselves, \$2,250,600 as that of products sold or for sale, and \$457,718 as the amount received for standing timber. It should be noted that forest products not produced on farms are not included in this report.

Miscellaneous crops: 1909.—Straw and cornstalks derived as by-products from the production of grain and corn have a considerable value for feed and other purposes. They are, however, mainly consumed on the farms producing them. The Census Bureau made no attempt to ascertain the total quantity or value

of these products, but the schedules called for the quantity and value of those sold during the year 1909. The returns show that 261 farmers in Arkansas sold, during 1909, 1,685 tons of straw, for which they received \$8,657, and that 308 farmers sold 1,765 tons of cornstalks and leaves, for which they received \$14,844.

SELECTED FARM EXPENSES AND RECEIPTS.

Farm expenses: 1909 and 1899.—The next table shows the number of farms reporting expenditures for labor, feed, and fertilizer at the census of 1910, as well as the sums expended in 1909 and 1899, with amount and per cent of increase:

EXPENSE.	1909		Amount.	1899	INCREASE.	
	Farms reporting.				Amount.	Per cent.
	Number.	Percent of all farms.	Amount.	Per cent.		
Labor.....	70,632	32.9	\$7,654,671	\$3,171,090	\$4,483,481	141.4
Feed.....	73,098	34.1	4,275,587	(¹)	.....	.....
Fertilizer.....	22,113	10.3	596,553	172,510	424,043	245.8

¹ Not reported at the census of 1900.

Of the farmers in Arkansas nearly one-third (32.9 per cent) hire labor, and the total expenditure is \$7,655,000, or an average of \$108 per farmer hiring. Of the total amount reported expended, \$1,350,000, or about one-fifth, is in the form of rent and board. During the decade 1899 to 1909 the total expenditure for labor increased by \$4,483,000, or 141.4 per cent. For no census prior to 1910 were reports secured of the value of rent and board furnished, or tabulation made of the number of farmers reporting expenditure for labor.

More than one-third (34.1 per cent) of all the farmers report expenditure for feed, while about one-tenth

(10.3 per cent) report the purchase of fertilizer. The expenditure for feed amounted to \$4,276,000 in 1909, and averaged \$58.49 per farm reporting. The total amount, \$597,000, reported as paid for fertilizer shows an increase of \$424,000, or 245.8 per cent, since 1899, and now averages \$26.98 per farm reporting. No tabulation was made of the number of farmers reporting expenditures for fertilizer at prior censuses.

Receipts from sale of feedable crops: 1909.—An effort was made at the census of 1910 to secure as complete a statement as possible of the sales as well as of the production of the more important feedable crops (that is, crops ordinarily fed to live stock). The following table summarizes the data reported:

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Percent of all farms.	Amount.	Unit.	
Total.....	.....	.....	.....	.....	\$2,700,067
Corn.....	25,266	11.8	2,547,707	Bu.....	1,854,933
Oats.....	3,274	1.5	312,986	Bu.....	162,922
Barley.....	4	(¹)	233	Bu.....	208
Hay and coarse forage.....	7,120	3.3	73,506	Tons...	692,004

¹ Less than one-tenth of 1 per cent.

While the total amount expended by Arkansas farmers for the purchase of feed in 1909 was \$4,276,000, the total receipts from the sale of feed by those reporting sales amounted to \$2,700,000.

COUNTY TABLES.

Tables 1 to 6, which follow, present by counties the more important agricultural data collected at the Thirteenth Census, 1910.

Table 1 shows the population, number of farms, land and farm area, value of farm property, and number and value of domestic animals and of poultry and bees, as of April 15, 1910. Comparative data for June 1, 1900, are given in italics for certain items.

Table 2 gives the number of farms, the farm acreage, and the value of farm property operated by owners, tenants, and managers, collected as of April 15, 1910. Statistics of farm mortgages are included in this table. (See explanation in text.) Comparative data for June 1, 1900, are given in italics for certain items.

Table 3 gives statistics pertaining to the products or live stock on farms (dairy products, poultry and eggs, honey and wax, and wool and mohair); also the number and value of domestic animals sold or slaughtered on farms for the year 1909.

Table 4 shows the total value of farm crops and the

principal classes thereof, together with the acreage (or trees of bearing age) and production of the principal crops for the year 1909.

Table 5 gives statistics relating to selected farm expenses for 1909 and also shows the receipts from the sale of feedable crops.

Table 6 shows the number and value of domestic animals in barns and inclosures not on farms, by classes, together with the number of dairy cows and mature horses and mules, on April 15, 1910.

Change of boundaries.—In comparing the data for 1910 with those for 1900, the following changes in county boundaries should be considered: A part of Columbia County was annexed to Lafayette County in 1901; and a part of Scott County was annexed to Logan County in 1903. The following changes in the state boundaries should also be noted: Island No. 25 was ceded by Tennessee and annexed to Mississippi County in 1905, and a part of Indian Territory was annexed to Sebastian County in 1905.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	Crawford.	Crittenden.	Cross.	Dallas.	Desha.	Drew.	Faulkner.
1 Population.....	23,942	22,447	14,042	12,621	15,274	21,960	23,708
2 Population in 1900.....	<i>21,270</i>	<i>14,529</i>	<i>11,051</i>	<i>11,518</i>	<i>11,511</i>	<i>19,451</i>	<i>20,780</i>
3 Number of all farms.....	3,322	3,643	1,821	1,446	2,433	3,515	4,091
4 Number of all farms in 1900.....	<i>3,059</i>	<i>2,008</i>	<i>1,387</i>	<i>1,367</i>	<i>1,913</i>	<i>3,033</i>	<i>3,453</i>
5 Color and nativity of farmers:							
6 Native white.....	3,083	255	876	1,028	267	1,529	3,300
7 Foreign-born white.....	22	7	6	2	5	3	71
8 Negro and other nonwhite.....	212	3,381	939	416	2,161	1,083	714
9 Number of farms, classified by size:							
10 Under 3 acres.....	4		1			1	
11 3 to 9 acres.....	98	82	39	30	154	180	73
12 10 to 19 acres.....	286	994	368	114	751	607	435
13 20 to 49 acres.....	1,247	2,057	777	333	1,008	1,182	1,397
14 50 to 99 acres.....	931	334	303	376	232	578	1,212
15 100 to 174 acres.....	574	121	196	345	134	542	742
16 175 to 259 acres.....	136	24	65	132	63	200	105
17 260 to 499 acres.....	42	22	53	86	42	129	59
18 500 to 999 acres.....	2	4	10	21	32	41	5
19 1,000 acres and over.....	2	5	4	4	17	15	3
LAND AND FARM AREA							
20 Approximate land area..... acres.....	379,520	372,480	396,160	434,560	478,080	542,080	410,040
21 Land in farms..... acres.....	236,453	137,876	120,266	164,540	177,109	303,146	299,614
22 Land in farms in 1900..... acres.....	<i>225,345</i>	<i>119,373</i>	<i>113,123</i>	<i>127,093</i>	<i>122,301</i>	<i>325,009</i>	<i>288,438</i>
23 Improved land in farms..... acres.....	124,132	109,344	50,032	64,127	87,323	128,501	153,031
24 Improved land in farms in 1900..... acres.....	<i>105,228</i>	<i>76,585</i>	<i>49,684</i>	<i>55,612</i>	<i>61,333</i>	<i>141,661</i>	<i>137,668</i>
25 Woodland in farms..... acres.....	107,221	25,186	56,955	86,643	88,074	159,905	136,950
26 Other unimproved land in farms..... acres.....	5,100	3,346	5,184	27,805	1,772	14,680	10,633
27 Per cent of land area in farms.....	62.3	37.0	31.9	37.9	37.1	55.9	71.0
28 Per cent of farm land improved.....	52.5	79.3	50.8	30.4	49.3	42.4	51.1
29 Average acres per farm.....	71.2	37.8	69.3	113.8	72.8	86.2	73.3
30 Average improved acres per farm.....	37.4	30.0	35.2	34.6	35.9	38.0	37.4
VALUE OF FARM PROPERTY							
31 All farm property..... dollars.....	6,248,341	7,803,665	3,495,887	1,964,804	5,404,297	5,639,804	4,790,141
32 All farm property in 1900..... dollars.....	<i>2,775,739</i>	<i>3,539,537</i>	<i>1,309,207</i>	<i>1,038,898</i>	<i>2,028,207</i>	<i>2,671,217</i>	<i>2,510,317</i>
33 Per cent increase, 1900-1910.....	125.3	120.5	167.0	80.4	166.4	111.1	91.0
34 Land..... dollars.....	3,866,819	5,335,846	2,172,032	1,029,809	3,677,794	3,303,400	2,340,600
35 Land in 1900..... dollars.....	<i>1,618,610</i>	<i>2,569,280</i>	<i>707,400</i>	<i>488,650</i>	<i>1,195,550</i>	<i>1,495,070</i>	<i>1,295,070</i>
36 Buildings..... dollars.....	985,702	892,387	470,410	420,954	689,846	946,760	1,005,477
37 Buildings in 1900..... dollars.....	<i>451,770</i>	<i>401,500</i>	<i>202,650</i>	<i>250,830</i>	<i>301,590</i>	<i>429,310</i>	<i>480,780</i>
38 Implements and machinery..... dollars.....	246,802	293,380	170,883	36,211	166,380	229,193	308,854
39 Implements, etc., in 1900..... dollars.....	<i>122,900</i>	<i>180,510</i>	<i>67,020</i>	<i>54,000</i>	<i>83,060</i>	<i>132,470</i>	<i>149,670</i>
40 Domestic animals, poultry, and bees..... dollars.....	1,146,018	1,282,052	682,562	427,830	870,271	1,160,391	1,141,200
41 Domestic animals, etc., in 1900..... dollars.....	<i>685,456</i>	<i>448,247</i>	<i>332,237</i>	<i>294,533</i>	<i>445,511</i>	<i>613,877</i>	<i>685,317</i>
42 Per cent of value of all property in—							
43 Land.....	61.9	68.4	62.1	52.4	68.1	58.6	48.8
44 Buildings.....	15.8	11.4	13.5	21.4	12.8	16.8	21.0
45 Implements and machinery.....	3.9	3.8	4.9	1.8	3.1	4.1	6.4
46 Domestic animals, poultry, and bees.....	18.3	16.4	19.5	21.8	16.1	20.6	23.8
47 Average values:							
48 All property per farm..... dollars.....	1,881	2,142	1,920	1,369	2,221	1,604	1,172
49 Land and buildings per farm..... dollars.....	1,462	1,710	1,451	1,003	1,795	1,209	818
50 Land per acre..... dollars.....	16.35	38.70	17.20	6.26	20.76	10.90	7.81
51 Land per acre in 1900..... dollars.....	<i>7.16</i>	<i>21.52</i>	<i>6.25</i>	<i>2.61</i>	<i>9.77</i>	<i>4.62</i>	<i>4.69</i>
DOMESTIC ANIMALS (farms and ranges)							
52 Farms reporting domestic animals.....	3,173	3,135	1,710	1,369	2,062	3,226	3,030
53 Value of domestic animals..... dollars.....	1,113,067	1,254,627	693,130	415,256	853,891	1,133,768	1,107,770
54 Cattle:							
55 Total number.....	12,112	13,714	10,623	9,943	10,575	11,148	15,713
56 Dairy cows.....	5,911	4,665	3,212	4,078	3,593	7,350	7,154
57 Other cows.....	1,394	3,151	2,605	1,479	2,564	2,459	1,495
58 Yearling heifers.....	1,628	2,159	1,844	1,541	946	2,520	2,315
59 Calves.....	1,917	2,307	1,834	1,591	1,854	2,790	3,172
60 Yearling steers and bulls.....	870	1,030	872	850	938	1,031	1,170
61 Other steers and bulls.....	394	402	306	330	540	900	407
62 Value..... dollars.....	205,082	226,129	144,404	111,587	160,256	246,125	211,120
63 Horses:							
64 Total number.....	4,207	1,988	1,898	1,393	2,022	3,587	4,176
65 Mature horses.....	3,813	1,739	1,627	1,275	1,857	3,258	3,700
66 Yearling colts.....	287	178	165	88	91	229	320
67 Spring colts.....	107	71	106	30	74	100	147
68 Value..... dollars.....	365,585	239,097	182,085	108,409	193,758	322,280	368,830
69 Mules:							
70 Total number.....	3,880	3,940	2,156	1,527	2,622	3,665	4,235
71 Mature mules.....	3,579	3,882	2,050	1,460	2,533	3,457	3,518
72 Yearling colts.....	255	39	65	53	26	161	290
73 Spring colts.....	46	19	41	14	13	47	120
74 Value..... dollars.....	463,167	717,450	285,175	157,605	380,709	442,409	455,115
75 Asses and burros:							
76 Number.....	28	4	18	17	74	25	50
77 Value..... dollars.....	3,738	1,700	4,250	2,125	13,850	6,059	6,005
78 Swine:							
79 Total number.....	19,180	18,732	14,492	15,571	23,843	42,286	20,211
80 Mature hogs.....	15,549	11,997	11,184	13,116	18,475	28,082	15,574
81 Spring pigs.....	3,631	6,735	3,308	2,455	7,368	14,204	4,637
82 Value..... dollars.....	73,405	69,540	49,365	32,599	98,374	113,231	63,721
83 Sheep:							
84 Total number.....	893	92	960	1,431	291	1,295	2,500
85 Rams, ewes, and wethers.....	510	76	639	979	225	924	1,078
86 Spring lambs.....	298	16	270	452	66	371	612
87 Value..... dollars.....	1,939	257	2,288	2,167	671	1,953	4,003
88 Goats:							
89 Number.....	75	327	376	680	240	1,705	2,218
90 Value..... dollars.....	153	484	563	714	273	1,051	1,534
POULTRY AND BEES							
91 Number of poultry of all kinds.....	79,423	76,848	44,839	37,842	49,310	75,164	97,507
92 Value..... dollars.....	27,315	26,559	12,331	10,309	15,738	24,569	30,063
93 Number of colonies of bees.....	2,133	275	799	911	147	860	2,063
94 Value..... dollars.....	5,130	806	1,601	2,175	592	2,084	3,380

* Includes animals, age or sex not specified.

AGRICULTURE—ARKANSAS.

BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Franklin.	Fulton.	Garland.	Grant.	Greene.	Hempstead.	Hot Spring.	Howard.	Independence.	Izard.	Jackson.	Jefferson.
1	20,638	12,193	27,271	9,425	23,352	28,285	15,022	16,898	24,776	14,561	23,501	52,734
2	17,395	12,917	18,773	7,671	16,979	24,101	12,743	14,078	22,557	13,506	18,333	40,972
3	3,165	2,064	1,729	1,470	3,126	4,186	2,023	2,653	3,633	2,477	3,186	7,113
4	2,704	2,144	1,322	1,303	2,490	3,433	1,679	2,329	3,325	2,322	2,244	4,770
5	3,024	2,037	1,641	1,311	3,097	2,130	1,919	2,110	3,577	2,428	2,375	744
6	98	20	53	8	28	9	8	11	23	2	15	23
7	43	7	35	151	1	2,047	101	537	83	47	706	6,346
8		1	8					2	4	1	1	6
9	101	32	110	29	46	33	31	42	82	52	71	435
10	262	133	143	153	350	508	249	230	325	242	379	2,537
11	1,032	346	412	439	1,263	1,755	544	927	1,353	504	1,584	3,157
12	835	367	386	398	846	913	541	665	855	462	603	5,565
13	643	757	486	325	453	606	452	611	701	806	371	249
14	195	270	101	91	96	175	141	123	233	262	82	56
15	78	150	94	29	39	124	63	54	104	181	72	52
16	18	8	12	4	3	17	6	0	24	15	11	31
17	1		2	2		5	1		2	2	7	24
18	387,840	400,000	403,840	407,080	359,040	405,280	392,320	385,280	487,680	373,120	405,760	577,920
19	262,970	258,982	108,392	122,134	204,403	304,335	173,323	211,271	305,365	274,644	213,250	855,161
20	240,308	234,247	164,962	148,120	193,767	229,090	182,067	247,001	202,040	252,773	187,959	510,362
21	151,724	90,189	49,057	43,064	115,884	169,669	64,420	97,842	149,434	103,021	112,733	192,445
22	117,677	38,213	40,925	46,450	85,222	86,597	57,622	86,597	128,691	100,810	32,117	162,203
23	97,608	153,254	106,503	77,245	82,841	123,310	101,528	101,740	148,287	147,211	93,515	155,955
24	13,644	15,539	12,222	1,225	5,678	10,350	12,877	7,644	11,689	19,412	7,992	6,761
25	67.8	64.7	41.7	30.0	56.0	65.4	45.6	54.8	62.6	73.6	52.6	61.5
26	57.7	34.8	29.5	35.8	56.7	55.7	36.1	46.3	48.9	39.3	52.9	54.2
27	83.1	125.5	97.4	83.1	65.4	72.7	87.9	79.5	82.9	110.9	66.9	49.9
28	47.9	43.7	23.7	29.7	37.1	40.5	31.8	36.8	40.6	43.6	35.4	27.1
29	5,602,509	2,989,130	3,343,004	1,799,955	6,332,102	6,307,537	2,877,173	3,397,109	6,385,367	2,773,886	7,396,447	12,498,950
30	2,452,391	1,899,262	1,293,647	862,339	2,632,453	2,790,265	1,327,106	1,769,360	3,253,169	1,675,538	2,963,105	6,253,148
31	130.5	57.4	164.6	108.7	144.7	126.1	116.8	91.9	96.3	66.9	149.2	99.9
32	3,193,533	1,405,953	1,027,109	830,294	3,759,808	3,635,520	1,488,208	1,797,754	3,732,399	1,306,176	4,779,413	8,906,254
33	1,270,450	1,014,330	705,490	555,140	1,441,170	1,607,730	645,510	808,440	1,554,520	303,380	1,785,150	4,318,720
34	1,001,211	509,110	616,635	394,452	1,036,758	1,103,665	599,555	657,326	1,006,356	520,868	994,015	1,430,570
35	435,530	357,820	244,960	169,010	440,070	448,060	250,800	202,080	556,040	328,140	470,610	811,330
36	203,618	129,871	155,023	95,218	229,939	311,784	148,796	301,179	161,078	151,532	275,848	371,121
37	149,770	99,980	65,470	55,300	134,380	160,800	77,090	95,140	163,390	96,800	124,660	235,840
38	1,144,147	854,196	643,237	473,991	1,255,597	1,196,659	640,554	780,951	1,285,433	794,015	1,347,171	1,791,014
39	374,691	447,422	349,627	235,939	570,723	689,365	353,700	474,266	674,419	447,313	678,685	839,678
40	57.0	50.0	57.6	46.5	59.4	57.6	51.7	52.9	58.5	47.0	64.6	71.3
41	17.9	17.0	18.4	21.9	17.2	18.4	20.8	19.8	16.7	19.4	13.4	11.4
42	4.7	4.8	4.7	5.3	3.6	4.9	5.2	4.7	4.7	5.5	3.7	3.0
43	20.4	28.6	10.2	20.3	19.8	19.0	22.3	23.0	20.1	28.6	18.2	14.3
44	1,770	1,448	1,933	1,224	2,026	1,607	1,419	1,278	1,734	1,122	2,322	1,757
45	1,925	971	1,471	837	1,550	1,146	1,029	924	1,303	740	1,812	1,463
46	12.14	5.78	11.44	6.85	18.39	11.95	8.35	8.51	12.22	4.76	22.41	25.08
47	5.32	3.57	4.54	2.48	7.44	5.22	3.53	3.69	6.35	3.18	9.50	13.02
48	3,030	2,039	1,649	1,441	3,057	4,018	1,974	2,584	3,581	2,404	2,893	5,120
49	1,110,362	825,897	553,924	457,034	1,205,569	1,159,896	617,915	700,656	1,242,588	769,666	1,316,017	1,742,402
50	115,254	114,835	10,814	10,466	15,009	16,810	11,851	12,150	15,460	11,744	17,481	17,803
51	6,809	5,100	5,661	6,299	3,911	7,951	4,069	6,165	6,165	5,417	6,274	7,801
52	1,645	2,123	756	1,040	2,485	1,656	1,717	842	1,679	1,029	2,590	2,904
53	2,153	1,625	1,401	1,447	1,952	2,758	1,707	2,064	1,432	2,243	2,243	2,243
54	2,100	1,691	2,057	1,872	2,591	2,742	2,465	2,030	2,930	1,844	3,331	3,469
55	1,508	1,734	976	976	1,251	1,020	1,008	1,094	1,216	1,251	1,638	897
56	1,037	2,184	284	560	431	683	366	206	492	771	1,819	939
57	1,237,345	1,219,498	197,343	119,196	231,963	247,940	184,357	161,565	220,221	163,025	1,269,795	298,918
58	4,426	1,986	1,460	4,697	4,116	1,988	2,687	4,577	2,950	4,340	4,220	4,220
59	4,032	3,568	1,855	1,309	4,192	3,775	1,789	2,488	4,110	2,660	3,527	5,093
60	280	319	95	103	322	231	155	281	281	184	351	211
61	108	141	36	46	183	110	61	44	186	166	162	106
62	385,660	349,370	161,254	123,242	460,180	317,732	165,284	219,285	427,107	275,449	413,095	381,145
63	3,641	1,826	1,360	1,353	3,423	4,554	2,008	2,894	4,488	2,531	4,091	6,304
64	3,309	1,570	1,292	1,302	3,156	4,326	1,906	2,637	4,147	2,277	3,539	6,234
65	246	190	51	40	195	101	189	223	223	163	169	54
66	86	66	26	11	75	37	29	68	113	91	83	142
67	408,275	184,742	144,452	166,015	309,711	496,701	228,215	316,667	491,919	266,014	505,068	978,242
68	40	47	17	25	40	15	31	52	51	60	84	9
69	9,125	5,955	2,890	2,400	9,593	4,275	3,260	5,680	5,681	8,875	4,959	1,501
70	16,189	15,420	11,539	18,368	27,690	20,183	18,297	17,706	27,928	16,869	29,217	21,867
71	12,919	12,425	3,085	20,946	14,125	14,543	14,543	13,279	14,684	22,628	14,684	14,684
72	3,270	3,001	2,554	3,098	6,744	6,058	3,754	4,427	4,391	2,185	6,589	7,000
73	67,275	49,811	39,507	44,006	99,677	90,079	52,468	54,355	89,301	47,854	121,958	80,637
74	1,150	6,293	1,420	1,092	2,030	1,231	1,858	1,619	3,823	3,657	863	464
75	774	4,037	916	713	1,448	907	1,166	1,122	2,470	2,579	545	331
76	376	2,229	304	379	582	324	692	497	1,353	1,073	318	135
77	2,278	15,487	3,009	1,588	4,177	2,520	3,507	2,717	7,908	7,928	2,574	974
78	240	815	2,119	415	269	448	422	233	716	349	915	755
79	404	1,107	5,400	407	368	649	654	397	851	521	1,567	1,095
80	92,245	67,244	52,667	44,512	104,520	105,673	58,405	69,250	122,324	71,866	86,021	112,577
81	29,310	26,641	86,861	14,490	45,156	39,984	20,413	17,706	39,654	22,254	27,307	45,141
82	2,015	751	1,131	1,198	2,235	1,555	1,047	1,236	1,599	1,010	1,583	230
83	4,475	1,658	2,452	2,467	4,873	2,779	2,226	2,589				

TABLE 1.—FARMS AND FARM PROPERTY.

[Comparative data for June 1, 1900, in italics.]

	Johnson.	Lafayette. ¹	Lawrence.	Lee.	Lincoln.	Little River.	Logan. ¹	Lonoke.
1 Population.....	19,698	13,741	20,001	24,252	15,118	13,597	26,350	27,933
2 <i>Population in 1900.....</i>	<i>17,448</i>	<i>10,594</i>	<i>16,491</i>	<i>19,409</i>	<i>15,389</i>	<i>13,731</i>	<i>20,503</i>	<i>22,544</i>
3 Number of all farms.....	3,069	1,674	2,548	3,886	2,996	2,021	4,158	5,104
4 <i>Number of all farms in 1900.....</i>	<i>2,559</i>	<i>1,203</i>	<i>2,006</i>	<i>2,982</i>	<i>2,556</i>	<i>2,087</i>	<i>3,325</i>	<i>3,498</i>
5 Color and nativity of farmers:								
6 Native white.....	2,920	928	2,465	528	932	1,032	3,935	2,705
7 Foreign-born white.....	103	8	14	6	10	12	148	12
8 Negro and other nonwhite.....	46	738	69	3,353	2,054	977	76	2,207
9 Number of farms, classified by size:								
10 Under 3 acres.....	1	4	2	2	198	74	84	177
11 3 to 9 acres.....	126	60	64	42	859	284	320	1,318
12 10 to 19 acres.....	295	181	212	829	980	830	1,488	2,004
13 20 to 49 acres.....	1,001	618	1,015	2,127	939	373	1,190	816
14 50 to 99 acres.....	850	378	603	522	359	373	1,190	816
15 100 to 174 acres.....	609	265	400	240	352	301	807	481
16 175 to 259 acres.....	134	92	129	54	166	89	195	146
17 260 to 499 acres.....	47	48	83	39	67	53	64	77
18 500 to 999 acres.....	4	24	19	17	22	9	8	24
19 1,000 acres and over.....	2	8	10	14	13	8	2	6
LAND AND FARM AREA								
20 Approximate land area..... acres.....	432,000	336,000	378,880	384,640	365,440	349,440	404,040	508,160
21 Land in farms..... acres.....	230,961	151,383	215,295	200,572	216,241	164,018	316,138	237,091
22 <i>Land in farms in 1900.....</i>	<i>209,497</i>	<i>116,680</i>	<i>193,863</i>	<i>214,085</i>	<i>214,085</i>	<i>176,215</i>	<i>253,110</i>	<i>279,296</i>
23 Improved land in farms..... acres.....	117,704	67,034	111,520	130,097	98,112	75,578	106,996	181,858
24 <i>Improved land in farms in 1900.....</i>	<i>96,400</i>	<i>45,844</i>	<i>60,553</i>	<i>105,905</i>	<i>88,370</i>	<i>67,462</i>	<i>126,244</i>	<i>157,397</i>
25 Woodland in farms..... acres.....	97,648	74,588	90,482	74,256	116,100	86,511	128,130	90,503
26 Other unimproved land in farms..... acres.....	15,609	9,761	4,203	2,219	2,029	2,629	21,003	6,330
27 Per cent of land area in farms.....	53.5	45.1	56.8	53.7	59.2	47.1	68.0	56.0
28 Per cent of farm land improved.....	51.0	44.3	51.8	63.0	45.4	45.9	52.3	63.2
29 Average acres per farm.....	75.3	90.4	84.5	53.2	72.2	81.5	76.0	56.4
30 Average improved acres per farm.....	38.4	40.0	43.8	33.5	32.7	37.4	40.2	35.6
VALUE OF FARM PROPERTY								
31 All farm property..... dollars.....	4,991,330	2,891,124	6,224,663	7,024,530	4,026,617	3,125,635	7,496,439	10,247,165
32 <i>All farm property in 1900.....</i>	<i>2,341,044</i>	<i>1,093,891</i>	<i>2,662,900</i>	<i>3,348,718</i>	<i>2,505,629</i>	<i>1,347,588</i>	<i>2,915,750</i>	<i>4,667,352</i>
33 Per cent increase, 1900-1910.....	113.2	163.8	133.8	127.7	95.6	60.2	155.0	124.0
34 Land..... dollars.....	2,992,333	1,724,691	3,999,908	4,570,774	2,904,381	2,046,292	4,389,128	6,042,434
35 <i>Land in 1900.....</i>	<i>1,346,180</i>	<i>486,700</i>	<i>1,614,640</i>	<i>2,180,220</i>	<i>1,456,090</i>	<i>1,068,600</i>	<i>1,600,540</i>	<i>2,766,880</i>
36 Buildings..... dollars.....	824,015	477,898	780,055	1,231,508	674,517	410,522	1,323,765	1,453,038
37 <i>Buildings in 1900.....</i>	<i>406,900</i>	<i>180,780</i>	<i>406,350</i>	<i>545,460</i>	<i>312,850</i>	<i>260,330</i>	<i>564,170</i>	<i>770,160</i>
38 Implements and machinery..... dollars.....	209,336	129,684	222,498	434,757	180,618	111,480	357,634	490,131
39 <i>Implements, etc., in 1900.....</i>	<i>108,380</i>	<i>55,700</i>	<i>110,610</i>	<i>141,180</i>	<i>123,050</i>	<i>86,080</i>	<i>149,800</i>	<i>225,110</i>
40 Domestic animals, poultry, and bees..... dollars.....	965,596	568,856	1,221,512	1,387,491	907,101	557,941	1,395,912	1,652,562
41 <i>Domestic animals, etc., in 1900.....</i>	<i>479,564</i>	<i>270,581</i>	<i>580,800</i>	<i>533,868</i>	<i>473,559</i>	<i>436,738</i>	<i>601,820</i>	<i>795,212</i>
42 Per cent of value of all property in—								
43 Land.....	60.4	59.7	64.3	59.9	64.1	65.5	58.8	64.8
44 Buildings.....	16.5	16.5	12.5	16.2	12.4	13.1	17.7	14.2
45 Implements and machinery.....	4.2	4.5	3.6	5.7	3.9	3.6	4.8	4.9
46 Domestic animals, poultry, and bees.....	19.3	19.3	19.6	18.2	19.6	17.8	18.7	16.1
47 Average values:								
48 All property per farm..... dollars.....	1,626	1,727	2,442	1,962	1,544	1,547	1,796	2,008
49 Land and buildings per farm..... dollars.....	1,244	1,316	1,876	1,493	1,181	1,267	1,374	1,686
50 Land per acre..... dollars.....	12.96	11.39	18.58	22.13	13.71	12.43	13.88	23.09
51 <i>Land per acre in 1900.....</i>	<i>6.52</i>	<i>4.26</i>	<i>7.47</i>	<i>10.99</i>	<i>6.80</i>	<i>6.05</i>	<i>6.52</i>	<i>9.91</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	3,003	1,585	2,452	3,641	2,494	1,913	4,013	4,360
53 Value of domestic animals..... dollars.....	937,080	544,188	1,184,577	1,354,688	884,121	543,432	1,352,133	1,613,143
Cattle:								
54 Total number.....	11,320	10,469	16,221	14,072	12,215	9,430	15,722	21,481
55 Dairy cows.....	5,453	4,020	5,842	5,935	4,988	4,187	8,209	9,237
56 Other cows.....	819	1,771	2,660	2,456	2,002	1,088	1,293	3,369
57 Yearling heifers.....	1,588	1,238	1,972	2,085	1,245	2,089	2,861	2,861
58 Calves.....	1,999	1,543	2,761	2,362	1,771	1,939	2,763	4,023
59 Yearling steers and bulls.....	900	1,083	1,415	848	960	707	1,027	1,358
60 Other steers and bulls.....	570	754	1,202	499	403	284	251	611
61 Value..... dollars.....	175,851	145,321	253,577	226,203	174,024	119,206	251,289	318,494
Horses:								
62 Total number.....	3,452	1,898	4,253	3,815	2,680	2,347	5,904	4,472
63 Mature horses.....	3,136	1,712	3,746	3,444	2,493	2,148	5,366	3,970
64 Yearling colts.....	175	122	326	253	120	120	354	327
65 Spring colts.....	91	64	181	118	67	79	184	175
66 Value..... dollars.....	311,380	138,816	420,276	410,362	258,191	147,688	526,216	421,442
Mules:								
67 Total number.....	3,355	1,838	3,225	3,951	2,849	1,993	4,115	5,871
68 Mature mules.....	3,131	1,746	2,959	3,798	2,755	1,998	3,837	5,879
69 Yearling colts.....	155	77	178	114	65	65	197	151
70 Spring colts.....	69	15	88	30	29	20	81	41
71 Value..... dollars.....	385,006	208,142	392,916	599,396	368,957	223,412	465,028	774,968
Asses and burros:								
72 Number.....	42	21	44	11	46	11	76	28
73 Value..... dollars.....	8,720	3,550	6,335	4,550	5,113	1,620	9,225	5,775
Swine:								
74 Total number.....	13,985	14,876	30,590	25,900	23,744	17,173	25,349	24,788
75 Mature hogs.....	11,320	11,720	23,705	17,970	15,977	12,428	19,615	18,220
76 Spring pigs.....	2,665	3,147	6,885	7,930	7,767	4,745	5,734	6,568
77 Value..... dollars.....	52,763	48,903	106,871	100,939	75,672	50,524	95,125	89,432
Sheep:								
78 Total number.....	1,442	399	1,990	1,166	1,000	374	2,589	903
79 Rams, ewes, and wethers.....	988	288	1,336	739	688	303	1,712	655
80 Spring lambs.....	454	111	654	427	312	71	877	248
81 Value..... dollars.....	2,787	725	3,947	3,560	1,720	712	4,338	2,008
Goats:								
82 Number.....	382	573	431	283	496	150	460	1,517
83 Value..... dollars.....	573	731	655	618	444	270	913	2,024
POULTRY AND BEES								
84 Number of poultry of all kinds.....	84,783	43,740	95,964	92,479	63,785	43,012	128,933	102,037
85 Value..... dollars.....	24,435	13,171	33,149	31,270	21,854	12,034	39,603	37,439
86 Number of colonies of bees.....	1,805	890	1,565	484	523	858	2,109	1,148
87 Value..... dollars.....	4,081	1,497	3,786	1,524	1,126	1,825	4,171	1,980

¹ Change of boundary. (See explanation at close of text.)

AGRICULTURE—ARKANSAS.

BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Madison.	Marion.	Miller.	Mississippi. ¹	Monroe.	Montgomery.	Nevada.	Newton.	Ouachita.	Perry.	Phillips.	Pike.
1	16,056	10,203	19,555	30,468	19,907	12,455	19,344	10,612	21,774	9,402	33,535	12,565
2	<i>19,304</i>	<i>11,377</i>	<i>17,553</i>	<i>16,334</i>	<i>16,316</i>	<i>9,444</i>	<i>16,609</i>	<i>12,538</i>	<i>20,332</i>	<i>7,204</i>	<i>20,561</i>	<i>10,301</i>
3	2,728	1,635	1,986	3,530	2,905	2,087	2,855	1,899	2,300	1,802	4,651	1,912
4	<i>3,095</i>	<i>1,050</i>	<i>1,807</i>	<i>1,720</i>	<i>2,261</i>	<i>1,703</i>	<i>2,243</i>	<i>1,032</i>	<i>2,030</i>	<i>1,173</i>	<i>3,327</i>	<i>1,549</i>
5	2,704	1,681	1,417	1,647	766	2,006	2,009	1,885	994	1,135	423	1,808
6	14	4	24	8	8	11	6	13	10	26	38	5
7	10	-----	545	1,872	2,131	50	840	1	1,296	141	4,135	99
8	3	1	8	-----	4	-----	-----	-----	-----	-----	-----	2
9	55	49	71	97	46	37	20	60	53	46	127	138
10	129	143	234	907	512	195	181	100	126	173	1,461	250
11	349	408	753	1,777	1,635	391	805	257	617	532	2,310	456
12	587	775	446	463	453	402	813	366	614	271	439	896
13	1,051	525	281	155	176	766	677	842	507	194	184	433
14	344	118	95	47	36	208	207	175	206	53	44	121
15	133	63	73	48	23	60	128	87	134	23	48	65
16	23	2	18	27	13	7	22	3	37	5	17	15
17	4	1	12	9	3	1	2	-----	6	-----	19	2
18	535,040	413,440	393,720	593,880	385,920	370,240	396,800	541,440	469,120	353,280	442,880	384,640
19	<i>363,641</i>	<i>160,223</i>	<i>181,036</i>	<i>179,747</i>	<i>141,800</i>	<i>225,806</i>	<i>230,073</i>	<i>229,723</i>	<i>269,715</i>	<i>89,033</i>	<i>217,009</i>	<i>105,299</i>
20	<i>393,193</i>	<i>197,027</i>	<i>182,958</i>	<i>184,634</i>	<i>131,301</i>	<i>211,091</i>	<i>245,274</i>	<i>263,301</i>	<i>303,443</i>	<i>360,424</i>	<i>390,717</i>	<i>192,288</i>
21	120,045	93,710	74,682	128,872	83,813	60,990	129,234	58,280	98,071	41,486	144,496	57,086
22	<i>125,853</i>	<i>97,743</i>	<i>73,660</i>	<i>76,066</i>	<i>77,603</i>	<i>63,432</i>	<i>102,345</i>	<i>60,973</i>	<i>94,497</i>	<i>30,791</i>	<i>120,191</i>	<i>59,394</i>
23	232,540	97,856	101,093	49,408	49,972	160,184	133,449	151,676	144,325	45,629	69,953	100,295
24	4,460	4,657	5,850	1,467	3,015	4,632	17,340	21,707	17,319	2,563	3,215	7,918
25	68.0	40.2	45.6	35.5	36.7	39.6	70.6	42.4	55.4	25.4	40.1	43.0
26	34.8	33.3	41.1	71.7	62.6	27.0	46.2	24.5	37.8	46.3	60.4	34.5
27	133.3	98.6	91.5	50.9	43.8	109.2	98.1	121.0	112.9	68.9	46.8	80.5
28	46.4	37.8	37.6	38.5	30.6	29.5	45.3	29.6	42.6	31.9	31.1	20.9
29	4,295,610	2,571,351	3,310,006	11,294,836	4,717,837	2,008,433	3,303,438	2,137,888	3,305,335	1,628,665	9,054,343	2,475,122
30	<i>2,301,163</i>	<i>2,011,069</i>	<i>1,741,268</i>	<i>3,609,006</i>	<i>2,293,340</i>	<i>1,195,077</i>	<i>1,760,065</i>	<i>1,374,610</i>	<i>1,615,645</i>	<i>1,040,315</i>	<i>4,160,320</i>	<i>1,076,348</i>
31	53.4	27.8	90.1	-----	105.7	113.3	116.1	55.5	118.1	73.1	117.6	129.3
32	2,432,570	1,369,823	2,022,331	7,981,727	2,997,280	1,403,329	1,922,879	1,126,475	1,929,433	896,479	6,022,149	1,438,933
33	<i>1,590,810</i>	<i>1,205,440</i>	<i>917,770</i>	<i>2,408,340</i>	<i>1,600,720</i>	<i>613,580</i>	<i>304,040</i>	<i>745,270</i>	<i>704,230</i>	<i>338,640</i>	<i>2,550,030</i>	<i>422,230</i>
34	633,563	420,056	572,908	1,205,935	630,803	493,214	785,635	363,523	639,659	275,356	1,315,231	425,233
35	<i>452,430</i>	<i>299,550</i>	<i>286,080</i>	<i>473,130</i>	<i>302,300</i>	<i>202,300</i>	<i>343,310</i>	<i>232,340</i>	<i>308,640</i>	<i>120,400</i>	<i>709,000</i>	<i>196,030</i>
36	158,942	117,203	116,800	330,754	153,320	134,057	230,545	37,257	152,635	74,511	372,731	110,433
37	<i>127,100</i>	<i>74,040</i>	<i>86,520</i>	<i>140,750</i>	<i>30,220</i>	<i>60,250</i>	<i>111,320</i>	<i>61,700</i>	<i>84,970</i>	<i>47,310</i>	<i>171,550</i>	<i>63,270</i>
38	1,020,512	604,209	599,637	1,677,420	925,434	597,333	893,376	500,633	634,103	333,319	1,341,202	500,448
39	<i>631,868</i>	<i>371,739</i>	<i>451,393</i>	<i>587,336</i>	<i>403,103</i>	<i>312,707</i>	<i>405,436</i>	<i>344,610</i>	<i>407,755</i>	<i>193,335</i>	<i>781,630</i>	<i>322,330</i>
40	56.6	53.3	61.1	70.7	63.5	54.0	50.6	52.7	55.3	55.0	66.5	53.1
41	15.9	16.3	17.3	11.5	13.5	19.1	20.7	17.0	19.3	18.9	14.6	17.2
42	3.7	4.6	3.5	3.0	3.4	5.1	6.1	4.1	4.6	4.6	4.1	4.5
43	23.8	25.8	18.1	14.9	19.6	21.3	22.7	26.2	20.7	23.5	14.8	20.2
44	1,575	1,523	1,667	8,200	1,624	1,232	1,332	1,126	1,437	1,251	1,947	1,295
45	1,142	1,032	1,307	2,023	1,251	922	649	785	1,074	600	1,573	975
46	6.69	8.24	11.13	44.41	21.14	6.24	6.87	4.60	7.04	10.00	27.67	8.71
47	<i>4.03</i>	<i>6.43</i>	<i>5.02</i>	<i>19.32</i>	<i>11.33</i>	<i>2.91</i>	<i>3.23</i>	<i>2.39</i>	<i>2.07</i>	<i>6.33</i>	<i>3.43</i>	<i>2.66</i>
48	2,599	1,645	1,877	3,210	2,704	2,006	2,710	1,806	2,181	1,253	3,798	1,742
49	<i>934,722</i>	<i>644,384</i>	<i>573,299</i>	<i>1,042,215</i>	<i>906,151</i>	<i>545,253</i>	<i>341,050</i>	<i>542,127</i>	<i>692,110</i>	<i>372,046</i>	<i>1,301,421</i>	<i>435,853</i>
50	12,623	11,747	12,208	15,454	11,412	10,362	13,577	10,139	13,652	6,644	13,944	10,721
51	5,139	4,204	5,132	5,609	4,455	4,509	6,300	3,839	5,434	3,147	6,417	4,355
52	1,601	1,704	1,895	3,294	1,546	1,859	1,150	1,437	2,874	333	1,093	1,213
53	1,609	1,283	1,502	1,954	1,547	1,130	2,006	1,277	1,923	873	1,735	1,423
54	1,239	1,213	2,108	2,829	2,452	1,855	2,207	1,052	2,164	1,422	2,422	1,600
55	1,744	1,630	1,944	1,079	922	828	1,317	1,233	1,150	533	946	1,237
56	1,131	1,556	497	629	460	405	399	1,261	398	276	247	868
57	205,219	182,377	172,951	237,105	172,736	151,115	191,496	140,235	175,474	89,232	242,435	133,357
58	4,179	2,677	2,602	2,782	2,299	2,151	2,925	2,204	1,998	1,247	3,148	1,611
59	3,638	2,321	2,398	2,535	2,036	2,000	2,734	1,679	1,830	1,133	2,319	1,490
60	400	233	127	107	172	103	133	156	135	71	206	84
61	141	123	77	80	61	48	68	69	33	43	123	37
62	378,013	252,740	176,594	314,012	209,678	166,447	242,880	197,481	164,585	102,085	353,841	121,987
63	2,858	1,474	1,787	6,057	3,525	1,803	2,909	1,448	2,041	1,310	4,054	1,769
64	2,403	1,222	1,609	5,901	3,443	1,689	2,740	1,282	1,977	1,261	3,845	1,074
65	348	181	84	113	62	91	133	55	40	40	130	71
66	107	71	34	43	20	20	32	27	9	19	79	24
67	303,301	162,456	172,328	968,116	402,026	186,610	333,420	155,334	249,585	147,207	615,766	184,682
68	111	70	21	31	12	13	19	51	17	6	8	35
69	12,712	4,885	3,240	2,975	1,175	1,897	3,815	7,345	2,855	725	2,450	5,125
70	17,772	11,500	16,267	29,177	15,507	14,473	22,217	13,670	24,515	9,136	18,878	14,707
71	15,369	10,358	11,514	20,291	10,225	11,492	16,696	12,629	18,842	7,351	12,135	10,611
72	2,403	1,148	4,753	8,976	5,232	2,631	5,521	1,050	5,673	1,785	6,743	4,096
73	59,577	37,607	49,943	128,342	53,115	36,621	65,010	36,591	65,830	31,368	77,117	39,774
74	7,958	1,629	892	94	626	1,241	1,585	2,543	1,980	458	946	325
75	5,129	1,055	588	75	454	309	1,063	1,613	1,524	318	609	570
76	2,829	504	304	19	172	432	522	930	456	140	337	255
77	20,821	4,453	1,903	332	1,922	2,130	3,331	5,713	3,076	830	3,701	1,234
78	1,838	170	1,086	449	290	286	775	321	680	335	351	220
79	4,579	306	1,340	833	449	493	1,038	303	696	599	1,001	294
80	100,180	50,313	50,151	88,037	58,617	57,047	72,649	49,507	60,219	29,241	94,993	47,154
81	31,780	17,376	15,991	32,802	18,145	19,969	19,733	13,622	18,707	8,467	38,762	12,511
82	1,680	786	2,006	900	623	1,190	1,554	2,235	1,442	903	337	1,181
83	4,010	1,949	5,277	2,343	1,188	2,531	2,563	4,384	3,291	1,816	1,019	2,084

¹ Includes animals, age or sex not specified.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	Poinsett.	Polk.	Popo.	Prairie.	Pulaski.	Randolph.	St. Francis.	Saline.
1 Population.....	12,701	17,216	24,527	13,853	86,751	18,987	22,548	10,657
2 <i>Population in 1900.....</i>	<i>7,086</i>	<i>18,862</i>	<i>21,715</i>	<i>11,875</i>	<i>68,179</i>	<i>17,168</i>	<i>17,167</i>	<i>18,122</i>
3 Number of all farms.....	1,535	2,276	3,833	1,904	4,750	3,052	3,807	2,384
4 <i>Number of all farms in 1900.....</i>	<i>833</i>	<i>2,072</i>	<i>5,552</i>	<i>1,869</i>	<i>4,058</i>	<i>2,668</i>	<i>2,710</i>	<i>2,028</i>
5 Color and nativity of farmers:								
6 Native white.....	1,261	2,217	3,535	1,157	1,579	2,044	861	2,020
7 Foreign-born white.....	30	53	70	127	169	54	10	81
Negro and other nonwhite.....	244	6	233	620	3,002	54	2,930	283
8 Number of farms, classified by size:								
9 Under 3 acres.....	2	1	2	20	20	20	20	3
10 3 to 9 acres.....	30	54	85	31	269	52	89	01
11 10 to 19 acres.....	285	151	307	183	1,285	206	321	300
12 20 to 49 acres.....	680	393	1,354	697	1,842	983	2,025	662
13 50 to 99 acres.....	272	524	1,103	441	773	754	547	570
14 100 to 174 acres.....	185	916	767	306	416	683	233	528
15 175 to 259 acres.....	34	153	100	96	92	239	38	175
16 260 to 499 acres.....	30	79	51	112	42	114	32	66
17 500 to 999 acres.....	14	6	8	28	18	15	17	8
1,000 acres and over.....	3	2	2	8	8	6	5	5
LAND AND FARM AREA								
18 Approximate land area.....acres.	461,440	541,440	529,920	432,000	478,080	418,560	401,020	406,000
19 Land in farms.....acres.	101,370	249,169	290,516	139,471	239,017	287,282	177,858	223,210
20 <i>Land in farms in 1900.....</i>	<i>21,585</i>	<i>162,695</i>	<i>256,696</i>	<i>138,821</i>	<i>233,428</i>	<i>268,208</i>	<i>164,108</i>	<i>128,480</i>
21 Improved land in farms.....acres.	51,519	72,012	144,836	108,918	127,512	137,323	113,619	70,035
22 <i>Improved land in farms in 1900.....</i>	<i>27,615</i>	<i>68,978</i>	<i>119,079</i>	<i>94,478</i>	<i>124,210</i>	<i>116,010</i>	<i>85,850</i>	<i>70,078</i>
23 Woodland in farms.....acres.	45,764	165,582	132,060	68,092	105,810	137,196	58,267	138,960
24 Other unimproved land in farms.....acres.	4,087	11,575	13,570	12,491	5,595	12,763	8,972	8,216
25 Per cent of land area in farms.....	22.0	46.0	54.8	43.9	50.0	68.6	44.3	45.0
26 Per cent of farm land improved.....	50.8	28.9	49.9	57.5	53.3	47.8	63.0	34.1
27 Average acres per farm.....	66.0	109.5	75.7	99.5	50.3	94.1	46.7	93.0
28 Average improved acres per farm.....	33.6	31.6	37.8	57.2	26.8	45.0	20.8	31.9
VALUE OF FARM PROPERTY								
29 All farm property.....dollars.	3,783,188	3,104,492	5,887,200	5,820,725	10,409,569	6,549,200	6,245,628	3,927,126
30 <i>All farm property in 1900.....</i>	<i>1,075,159</i>	<i>1,537,050</i>	<i>2,068,608</i>	<i>2,130,023</i>	<i>5,230,891</i>	<i>2,528,320</i>	<i>2,643,690</i>	<i>1,717,690</i>
31 Per cent increase, 1900-1910.....	251.9	95.6	120.6	167.0	96.9	159.0	136.2	128.6
32 Land.....dollars.	2,402,476	1,779,416	3,418,679	3,799,045	7,221,743	4,037,141	3,807,084	2,278,552
33 <i>Land in 1900.....</i>	<i>598,400</i>	<i>878,580</i>	<i>1,467,800</i>	<i>1,303,890</i>	<i>3,590,480</i>	<i>1,568,200</i>	<i>1,558,210</i>	<i>917,580</i>
34 Buildings.....dollars.	515,140	595,940	1,058,073	780,807	1,457,178	923,072	890,991	681,951
35 <i>Buildings in 1900.....</i>	<i>159,650</i>	<i>270,540</i>	<i>469,470</i>	<i>321,160</i>	<i>711,810</i>	<i>489,360</i>	<i>455,720</i>	<i>286,680</i>
36 Implements and machinery.....dollars.	194,935	138,944	248,054	283,480	325,486	216,753	235,234	192,877
37 <i>Implements, etc., in 1900.....</i>	<i>41,900</i>	<i>78,980</i>	<i>148,990</i>	<i>104,510</i>	<i>245,060</i>	<i>124,510</i>	<i>121,630</i>	<i>97,210</i>
38 Domestic animals, poultry, and bees.....dollars.	670,637	2,590,192	1,161,794	957,393	1,405,162	1,372,324	1,205,419	778,340
39 <i>Domestic animals, etc., in 1900.....</i>	<i>275,219</i>	<i>369,080</i>	<i>537,858</i>	<i>460,463</i>	<i>741,541</i>	<i>619,160</i>	<i>588,800</i>	<i>417,540</i>
40 Per cent of value of all property in—								
41 Land.....	63.5	57.3	58.1	65.3	69.4	61.6	62.6	57.9
42 Buildings.....	13.6	19.2	18.0	13.4	14.0	14.1	14.4	17.4
43 Implements and machinery.....	5.2	4.5	4.2	4.9	3.1	3.3	3.8	4.9
44 Domestic animals, poultry, and bees.....	17.7	19.0	19.7	16.4	13.5	21.0	19.3	19.8
45 Average values:								
46 All property per farm.....dollars.	2,465	1,364	1,534	3,057	2,191	2,146	1,641	1,647
47 Land and buildings per farm.....dollars.	1,901	1,044	1,167	2,405	1,827	1,625	1,262	1,240
48 Land per acre.....dollars.	23.70	7.14	11.77	20.05	20.21	14.05	21.97	10.19
49 <i>Land per acre in 1900.....</i>	<i>6.55</i>	<i>5.76</i>	<i>5.72</i>	<i>6.91</i>	<i>16.07</i>	<i>5.38</i>	<i>9.37</i>	<i>4.77</i>
DOMESTIC ANIMALS (farms and ranges)								
50 Farms reporting domestic animals.....	1,455	2,188	3,742	1,841	4,093	2,941	3,681	2,243
51 Value of domestic animals.....dollars.	647,836	568,699	1,123,815	936,003	1,355,174	1,328,034	1,182,871	748,034
52 Cattle:								
53 Total number.....	6,869	5,171	6,123	6,729	15,657	18,153	13,657	11,703
54 Dairy cows.....	2,690	4,970	5,995	6,688	7,611	6,978	5,326	5,680
55 Other cows.....	1,468	1,410	1,112	2,873	1,618	2,387	1,827	833
56 Yearling heifers.....	1,184	1,409	1,729	2,277	2,175	2,129	2,129	1,644
57 Calves.....	1,618	1,523	2,080	2,686	2,800	2,722	2,573	2,810
58 Yearling steers and bulls.....	617	1,098	840	1,532	901	1,680	1,189	937
59 Other steers and bulls.....	692	711	613	1,713	512	1,872	613	319
60 Value.....dollars.	134,025	162,202	199,450	270,946	272,100	297,152	212,582	173,624
61 Horses:								
62 Total number.....	1,073	2,658	4,126	2,804	3,177	5,402	2,520	1,927
63 Mature horses.....	1,439	2,427	3,528	2,452	3,007	4,744	2,231	1,706
64 Yearling colts.....	106	155	214	225	123	441	182	93
65 Spring colts.....	78	76	84	127	47	217	116	68
66 Value.....dollars.	178,822	179,226	347,008	266,621	310,916	527,563	268,989	183,304
67 Mules:								
68 Total number.....	2,003	1,769	4,357	2,769	4,864	3,432	4,245	2,609
69 Mature mules.....	1,854	1,629	4,097	2,590	4,760	3,097	4,084	2,475
70 Yearling colts.....	93	102	190	125	67	239	107	91
71 Spring colts.....	56	35	70	54	28	96	54	43
72 Value.....dollars.	272,525	173,432	497,553	338,622	680,288	302,144	624,445	332,072
73 Asses and burros:								
74 Number.....	6	51	49	29	33	81	31	19
75 Value.....dollars.	2,235	3,022	5,287	5,755	3,346	8,795	3,950	4,625
76 Swine:								
77 Total number.....	15,125	14,778	20,202	14,519	20,225	25,985	16,607	16,106
78 Mature hogs.....	10,937	11,182	16,009	11,281	14,541	21,314	11,839	12,284
79 Spring pigs.....	4,188	3,596	4,193	3,238	5,684	4,671	4,718	3,822
80 Value.....dollars.	58,774	46,775	71,758	51,266	83,071	89,754	80,922	49,340
81 Sheep:								
82 Total number.....	264	1,880	1,128	914	1,062	5,576	512	1,054
83 Rams, ewes, and wethers.....	169	1,328	792	627	661	3,000	360	1,045
84 Spring lambs.....	95	552	336	287	401	1,937	152	609
85 Value.....dollars.	666	3,258	1,712	1,773	2,059	11,961	1,285	3,398
86 Goats:								
87 Number.....	411	335	858	939	2,671	377	404	2,415
88 Value.....dollars.	709	784	1,047	1,110	3,394	665	698	3,231
POULTRY AND BEES								
89 Number of poultry of all kinds.....	44,721	58,760	108,172	51,759	98,788	108,046	68,649	70,422
90 Value.....dollars.	14,085	19,514	33,690	19,350	44,309	42,709	20,691	27,611
91 Number of colonies of bees.....	3,259	1,032	2,408	994	1,691	703	642	1,047
92 Value.....dollars.	8,716	1,954	4,289	1,980	5,679	1,581	1,857	2,051

¹ Change of boundary. (See explanation at close of text.)

² Includes deer, valued at \$25.

³ Includes deer, valued at \$200.

AGRICULTURE—ARKANSAS.

BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Scott. ¹	Searey.	Sebastian. ¹	Sevier.	Sharp.	Stone.	Union.	Van Buren.	Washington.	White.	Woodruff.	Yell.
1	14,302	14,825	52,278	10,616	11,088	8,046	30,723	13,509	33,889	28,574	20,049	26,323
2	<i>19,183</i>	<i>11,938</i>	<i>56,935</i>	<i>16,359</i>	<i>18,190</i>	<i>8,100</i>	<i>22,405</i>	<i>11,220</i>	<i>34,250</i>	<i>24,804</i>	<i>16,504</i>	<i>22,760</i>
3	2,384	2,043	3,327	2,200	2,144	1,470	3,504	2,315	4,700	4,000	3,229	4,064
4	<i>2,080</i>	<i>2,060</i>	<i>3,009</i>	<i>1,811</i>	<i>2,103</i>	<i>1,260</i>	<i>2,719</i>	<i>1,939</i>	<i>4,019</i>	<i>3,681</i>	<i>2,508</i>	<i>3,260</i>
5	2,350	2,035	3,124	1,886	2,085	1,447	2,177	2,275	4,560	3,829	1,040	3,823
6	24	9	90	10	46	12	8	2	100	71	7	50
7	1	2	107	310	13	11	1,310	38	31	160	2,173	191
8	1	4	1	1	1	1	1	1	2	1	1	1
9	51	37	207	90	40	19	58	26	154	105	68	90
10	249	137	382	215	107	104	249	102	214	345	533	435
11	625	324	1,230	712	420	200	910	411	993	1,286	1,874	1,582
12	545	433	845	453	429	185	894	400	1,363	1,242	487	1,092
13	623	800	470	505	607	670	808	922	1,350	774	189	631
14	215	203	118	162	245	106	828	224	416	108	37	162
15	71	97	45	86	150	110	281	87	167	88	19	42
16	9	14	9	12	21	10	63	11	15	10	17	18
17	1	2	6	10	5	11	14	3	5	6	6	2
18	620,860	430,720	336,840	868,080	389,700	361,040	670,720	467,200	611,200	603,680	369,280	611,200
19	227,127	246,457	222,187	218,222	203,199	203,119	415,917	272,681	476,823	320,128	156,107	282,748
20	<i>203,864</i>	<i>207,841</i>	<i>222,070</i>	<i>190,716</i>	<i>263,120</i>	<i>141,078</i>	<i>370,701</i>	<i>240,779</i>	<i>480,711</i>	<i>380,893</i>	<i>154,084</i>	<i>252,241</i>
21	83,262	70,669	134,061	87,614	101,455	40,840	140,904	85,018	248,438	155,180	101,598	143,953
22	<i>70,550</i>	<i>67,513</i>	<i>116,688</i>	<i>68,704</i>	<i>84,241</i>	<i>44,118</i>	<i>123,296</i>	<i>79,911</i>	<i>237,006</i>	<i>130,316</i>	<i>88,180</i>	<i>115,366</i>
23	132,777	169,161	99,944	120,530	118,134	144,005	255,105	161,764	208,483	161,680	34,605	118,433
24	11,088	6,627	18,182	10,078	41,610	6,274	10,758	21,999	16,002	12,259	19,814	20,362
25	30.6	57.2	65.4	59.6	67.0	51.9	62.0	68.4	77.5	40.6	42.3	46.3
26	30.7	28.7	40.3	40.1	38.8	24.5	36.1	32.6	52.4	47.1	65.1	50.9
27	95.3	120.6	60.8	98.0	121.8	138.2	118.7	117.8	100.6	81.1	48.3	69.6
28	34.9	34.6	40.3	39.7	47.8	33.9	42.8	38.4	62.9	38.2	31.5	35.4
29	3,262,430	2,800,319	8,733,115	3,540,260	3,074,502	1,780,798	4,702,988	2,844,201	15,008,600	6,295,537	6,070,820	6,614,618
30	<i>1,624,734</i>	<i>1,531,637</i>	<i>4,004,225</i>	<i>1,008,293</i>	<i>1,877,976</i>	<i>981,232</i>	<i>1,712,946</i>	<i>1,285,472</i>	<i>7,816,255</i>	<i>3,021,813</i>	<i>2,041,827</i>	<i>3,073,116</i>
31	82.8	82.8	112.8	112.8	63.7	81.5	179.8	121.3	98.2	108.3	137.2	114.9
32	1,782,751	1,502,500	6,037,375	2,072,824	1,542,088	957,333	2,611,377	1,473,040	9,902,873	3,267,025	4,881,105	3,992,102
33	<i>867,021</i>	<i>807,500</i>	<i>2,658,170</i>	<i>923,090</i>	<i>974,530</i>	<i>499,630</i>	<i>700,237</i>	<i>611,727</i>	<i>4,888,080</i>	<i>1,499,556</i>	<i>1,374,000</i>	<i>1,746,270</i>
34	502,732	468,357	1,270,516	621,224	578,327	312,430	1,044,004	562,480	2,472,313	1,201,328	802,800	1,074,917
35	<i>284,700</i>	<i>267,800</i>	<i>654,230</i>	<i>289,550</i>	<i>324,540</i>	<i>169,030</i>	<i>337,043</i>	<i>256,693</i>	<i>1,426,350</i>	<i>664,864</i>	<i>466,360</i>	<i>539,790</i>
36	103,055	129,897	272,144	168,428	150,210	90,497	240,575	140,991	462,217	361,624	213,783	284,114
37	<i>98,030</i>	<i>80,090</i>	<i>176,910</i>	<i>86,800</i>	<i>102,010</i>	<i>58,430</i>	<i>108,650</i>	<i>84,070</i>	<i>347,000</i>	<i>173,800</i>	<i>100,410</i>	<i>163,040</i>
38	713,298	930,505	1,163,080	937,790	797,901	420,568	887,972	671,741	2,210,907	1,416,190	1,078,052	1,263,385
39	<i>384,934</i>	<i>376,387</i>	<i>676,315</i>	<i>395,463</i>	<i>476,390</i>	<i>269,842</i>	<i>507,010</i>	<i>352,982</i>	<i>1,161,246</i>	<i>624,123</i>	<i>508,397</i>	<i>629,018</i>
40	54.8	55.8	60.1	58.8	50.2	53.8	54.5	51.8	66.0	51.7	70.0	60.4
41	18.2	10.7	14.5	17.5	18.8	17.5	21.8	19.4	10.4	20.0	11.5	16.3
42	5.0	4.6	8.1	4.5	5.1	5.1	5.2	5.2	3.0	5.7	3.1	4.3
43	21.9	22.8	18.2	19.4	20.0	23.6	18.5	23.6	14.6	22.5	15.5	19.1
44	1,364	1,871	2,625	1,605	1,434	1,211	1,868	1,229	3,212	1,551	2,101	1,028
45	900	994	2,197	1,221	989	864	1,043	875	2,646	1,113	1,700	1,247
46	7.85	6.34	27.17	9.50	5.90	4.71	6.28	5.40	21.03	9.00	31.27	14.12
47	<i>4.22</i>	<i>3.39</i>	<i>11.17</i>	<i>4.84</i>	<i>3.70</i>	<i>5.52</i>	<i>2.00</i>	<i>2.54</i>	<i>6.98</i>	<i>4.69</i>	<i>13.08</i>	<i>6.92</i>
48	2,280	1,690	8,126	2,150	2,069	1,423	3,313	2,268	4,572	3,054	2,973	3,902
49	<i>693,518</i>	<i>621,651</i>	<i>1,117,313</i>	<i>667,877</i>	<i>770,420</i>	<i>410,870</i>	<i>865,200</i>	<i>652,936</i>	<i>2,118,489</i>	<i>1,377,563</i>	<i>1,068,800</i>	<i>1,227,184</i>
50	11,707	9,967	15,802	12,027	12,744	7,173	16,232	9,982	19,712	21,251	12,503	14,310
51	5,700	4,102	8,033	4,080	4,744	2,642	8,004	4,930	9,101	8,132	4,926	6,972
52	1,043	1,570	1,570	2,764	1,890	1,170	1,618	549	1,802	3,237	2,038	2,075
53	1,405	1,300	2,269	1,525	1,664	886	2,248	1,292	3,104	2,754	1,862	1,705
54	1,805	1,877	2,807	1,881	1,987	1,085	2,075	1,685	2,505	3,057	2,653	2,345
55	1,010	1,122	721	769	1,480	756	1,267	1,028	2,046	1,070	748	783
56	678	838	352	234	1,079	732	420	498	1,154	1,783	276	340
57	169,679	142,798	278,370	153,119	184,424	92,353	194,068	133,688	302,715	301,925	182,876	207,389
58	3,169	2,214	6,039	2,655	3,232	1,442	2,683	1,957	10,281	5,897	3,030	4,900
59	2,917	1,948	5,491	2,423	2,847	1,293	2,532	1,738	8,773	5,348	2,673	4,498
60	130	181	300	166	251	101	90	103	955	398	244	289
61	103	85	185	76	134	48	55	71	553	151	113	163
62	251,475	202,862	500,325	214,580	298,349	129,767	200,710	175,137	1,007,101	534,558	294,608	406,775
63	2,080	1,992	2,505	1,934	2,096	1,490	3,270	2,671	4,837	4,093	3,880	4,405
64	1,921	1,815	2,213	1,848	1,818	1,308	3,191	2,437	3,872	3,729	3,625	4,174
65	112	110	199	64	102	79	60	163	640	246	219	180
66	47	61	93	22	176	43	13	325	118	118	45	51
67	211,337	225,622	264,580	224,920	223,926	158,177	346,468	298,729	550,866	431,659	493,467	503,191
68	39	59	40	25	117	34	23	52	157	90	8	42
69	6,935	5,315	8,510	2,595	8,260	4,275	4,020	5,237	37,630	14,002	1,640	8,818
70	16,850	14,113	9,468	18,212	14,673	10,302	42,683	13,620	22,268	24,324	21,101	30,569
71	13,816	12,599	6,662	12,839	12,370	9,322	29,906	12,433	17,367	19,530	15,643	24,065
72	3,034	1,514	2,806	5,373	2,303	920	12,777	1,137	4,901	4,794	5,548	6,504
73	51,604	39,393	58,550	64,675	44,331	25,306	104,555	35,904	110,223	87,492	79,579	97,179
74	1,043	2,380	405	1,270	4,152	1,950	1,750	1,614	5,431	2,293	374	1,818
75	703	1,667	253	954	2,889	1,399	1,290	1,867	3,430	1,604	228	1,324
76	340	668	152	316	1,263	557	466	547	2,061	659	146	494
77	1,700	4,891	753	2,454	9,049	3,168	2,738	3,075	17,796	4,272	929	3,267
78	418	565	61	302	1,353	624	1,750	936	971	3,293	343	451
79	909	770	225	528	2,081	829	1,760	1,110	2,548	3,655	711	575
80	62,084	52,996	103,504	65,121	71,595	35,313	97,526	50,843	204,070	107,393	78,822	109,037
81	17,063	15,950	32,737	16,352	25,575	8,332	23,616	15,704	37,409	35,801	24,055	30,052
82	1,364	982	1,457	1,356	878	529	1,444	513	2,088	1,593	513	2,687
83	2,727	1,898	2,780	3,061	1,966	866	4,147	3,101	4,799	2,796	1,097	6,049

¹ Includes deer, valued at \$100.

* Includes animals, age or sex not specified.

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE, COLOR

[Comparative data for June 1, 1900, in italics.]

	THE STATE.			Arkansas.	Ashley.	Baxter.	Benton.	
	Total.	White.	Colored.					
FARMS OPERATED BY OWNERS								
1	Number of farms.....	106,649	91,987	14,662	1,149	1,376	1,053	3,596
2	Number of farms in 1900.....	<i>96,735</i>	<i>84,794</i>	<i>11,941</i>	<i>1,153</i>	<i>1,206</i>	<i>1,010</i>	<i>3,233</i>
3	Per cent of all farms.....	49.7	60.9	23.1	52.4	40.2	64.8	77.5
4	Per cent of all farms in 1900.....	<i>54.1</i>	<i>64.4</i>	<i>25.4</i>	<i>57.2</i>	<i>40.2</i>	<i>62.4</i>	<i>73.1</i>
5	Land in farms..... acres.....	12,339,542	11,185,428	1,204,114	201,300	153,630	146,816	345,030
6	Improved land in farms..... acres.....	4,815,122	4,273,857	541,265	105,053	50,690	43,823	133,880
7	Value of land and buildings..... dollars.....	181,882,010	161,187,795	20,694,215	6,050,637	2,249,561	1,240,713	11,870,148
Degree of ownership:								
8	Farms consisting of owned land only.....	87,866	76,006	11,860	1,019	1,245	796	3,053
9	Farms consisting of owned and hired land.....	18,783	15,981	2,802	130	131	257	543
Color and nativity of owners:								
10	Native white.....	89,839	89,839	.....	838	1,037	1,030	3,499
11	Foreign-born white.....	2,145	.....	.....	89	9	23	95
12	Negro and other nonwhite.....	14,662	.....	14,662	222	330	.....	2
FARMS OPERATED BY TENANTS								
13	Number of farms.....	107,266	58,381	48,885	1,017	2,024	509	1,064
14	Number of farms in 1900.....	<i>81,140</i>	<i>46,173</i>	<i>34,967</i>	<i>840</i>	<i>1,731</i>	<i>608</i>	<i>1,169</i>
15	Per cent of all farms.....	50.0	38.6	76.9	46.4	59.2	34.8	21.6
16	Per cent of all farms in 1900.....	<i>45.4</i>	<i>35.1</i>	<i>74.4</i>	<i>41.7</i>	<i>59.5</i>	<i>37.5</i>	<i>26.3</i>
17	Land in farms..... acres.....	4,698,347	3,255,231	1,443,116	70,831	60,057	36,307	70,103
18	Improved land in farms..... acres.....	3,143,433	1,919,590	1,223,873	57,947	51,973	18,231	45,876
19	Value of land and buildings..... dollars.....	116,844,140	68,764,101	48,079,979	2,805,524	1,775,353	470,736	2,656,287
Form of tenancy:								
20	Share tenants.....	68,553	40,971	27,582	597	1,037	487	835
21	Share-cash tenants.....	3,030	1,530	1,500	19	35	4	28
22	Cash tenants.....	80,405	13,301	17,104	378	754	36	106
23	Tenure not specified.....	5,278	2,579	2,699	23	193	39	35
Color and nativity of tenants:								
24	Native white.....	58,081	58,081	.....	537	388	563	999
25	Foreign-born white.....	300	300	.....	25	2	3	5
26	Negro and other nonwhite.....	48,885	.....	48,885	455	1,634	.....	1
FARMS OPERATED BY MANAGERS								
27	Number of farms.....	793	717	46	28	21	6	40
28	Number of farms in 1900.....	<i>819</i>	<i>739</i>	<i>80</i>	<i>22</i>	<i>15</i>	<i>2</i>	<i>24</i>
29	Land in farms..... acres.....	328,186	322,093	6,093	10,236	11,219	1,070	7,373
30	Improved land in farms..... acres.....	112,699	109,631	3,068	10,458	9,509	399	4,333
31	Value of land and buildings..... dollars.....	10,440,663	10,201,748	238,915	680,775	317,730	14,075	434,600
MORTGAGE DEBT REPORTS :								
For all farms operated by owners:								
32	Number free from mortgage debt.....	82,321	73,210	9,111	787	1,048	897	2,433
33	Number with mortgage debt.....	22,374	17,461	4,913	338	233	153	1,080
34	Number with no mortgage report.....	1,954	1,316	638	24	45	13	24
For farms consisting of owned land only:								
35	Number reporting debt and amount.....	16,555	13,034	3,521	274	229	116	806
36	Value of their land and buildings..... dollars.....	35,935,023	29,726,369	6,308,624	2,363,570	405,710	152,508	3,219,700
37	Amount of mortgage debt..... dollars.....	8,941,332	7,532,719	1,408,613	468,373	96,443	32,339	682,710
38	Per cent of value of land and buildings.....	25.5	25.3	28.5	19.9	23.8	21.2	21.2

1 Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1	Dairy cows on farms reporting dairy products.....	number.....	375,018	.....	7,321	7,451	4,077	7,360
2	Dairy cows on farms reporting milk produced.....	number.....	361,009	.....	6,461	6,930	3,990	7,247
3	Milk—Produced.....	gallons.....	89,081,875	.....	950,834	1,291,259	729,255	2,037,884
4	Sold.....	gallons.....	3,952,322	.....	181,003	26,997	8,306	49,316
5	Cream sold.....	gallons.....	53,302	.....	5,055	50	328	3,780
6	Butter fat sold.....	pounds.....	74,607	.....	16,400	.....	.....	6,591
7	Butter—Produced.....	pounds.....	29,907,337	.....	262,692	431,518	210,593	809,828
8	Sold.....	pounds.....	3,694,311	.....	55,152	41,570	15,840	232,682
9	Cheese—Produced.....	pounds.....	20,435	.....	175	.....	1,800	60
10	Sold.....	pounds.....	8,496	.....	60	.....	1,800	.....
11	Value of dairy products, excluding home use of milk and cream.....	dollars.....	6,587,428	.....	75,662	107,003	41,956	177,160
12	Receipts from sale of dairy products.....	dollars.....	1,505,882	.....	37,713	14,121	4,054	63,770
Poultry Products								
13	Poultry—Raised.....	number.....	9,420,184	.....	95,326	184,320	64,762	282,114
14	Sold.....	number.....	2,344,601	.....	23,798	30,265	16,831	96,323
15	Eggs—Produced.....	dozens.....	23,608,739	.....	240,520	250,201	163,873	1,173,306
16	Sold.....	dozens.....	10,814,594	.....	84,006	66,800	81,920	811,864
17	Value of poultry and eggs produced.....	dollars.....	6,391,348	.....	68,182	103,189	30,151	298,173
18	Receipts from sale of poultry and eggs.....	dollars.....	2,424,052	.....	22,768	22,774	10,075	170,328
Honey and Wax								
19	Honey produced.....	pounds.....	913,515	.....	12,504	5,217	3,950	7,610
20	Wax produced.....	pounds.....	20,403	.....	269	30	204	120
21	Value of honey and wax produced.....	dollars.....	112,968	.....	1,521	723	662	1,205
Wool, Mohair, and Goat Hair								
22	Wool, fleeces shorn.....	number.....	73,576	.....	1,062	602	1,452	3,399
23	Mohair and goat hair, fleeces shorn.....	number.....	3,118	.....	12	.....	41	307
24	Value of wool and mohair produced.....	dollars.....	63,898	.....	985	486	1,494	4,033
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	Calves—Sold or slaughtered.....	number.....	94,614	.....	1,852	274	727	1,786
26	Other cattle—Sold or slaughtered.....	number.....	417,764	.....	9,452	4,584	4,565	10,144
27	Horses, mules, and asses and burros—Sold.....	number.....	48,046	.....	686	297	550	2,041
28	Swine—Sold or slaughtered.....	number.....	902,816	.....	17,533	10,469	8,135	33,809
29	Sheep and goats—Sold or slaughtered.....	number.....	69,235	.....	452	540	1,056	5,156
30	Receipts from sale of animals.....	dollars.....	12,914,397	.....	400,779	78,714	136,740	723,047
31	Value of animals slaughtered.....	dollars.....	7,409,196	66,607	65,153	61,981	153,180

AGRICULTURE—ARKANSAS.

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AND NATIVITY OF FARMERS, AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in italics.]

	Boone.	Bradley.	Calhoun.	Carroll.	Chicot.	Clark.	Clay.	Cleburne.	Cleveland.	Columbia. ¹	Conway.	Craighead.
1	1,553	1,108	1,020	1,770	561	1,769	1,417	1,305	1,328	2,224	1,881	1,308
2	<i>1,585</i>	<i>948</i>	<i>866</i>	<i>1,083</i>	<i>409</i>	<i>1,002</i>	<i>1,171</i>	<i>1,185</i>	<i>1,057</i>	<i>2,023</i>	<i>1,505</i>	<i>1,174</i>
3	69.3	78.1	77.3	74.9	14.8	62.0	48.1	72.5	66.6	62.8	47.2	42.1
4	<i>64.6</i>	<i>74.0</i>	<i>74.5</i>	<i>70.6</i>	<i>21.0</i>	<i>60.0</i>	<i>59.0</i>	<i>74.1</i>	<i>72.4</i>	<i>65.8</i>	<i>50.0</i>	<i>55.4</i>
5	103,883	127,300	116,338	220,528	68,155	215,939	117,628	153,871	166,042	284,354	175,591	107,191
6	86,753	80,040	86,870	94,523	25,046	74,808	63,344	47,702	54,835	104,467	82,580	54,160
7	2,706,145	1,372,355	988,014	2,980,349	1,845,227	2,080,431	3,125,081	1,888,713	1,433,195	3,257,321	2,402,509	2,985,425
8	1,289	992	934	1,582	478	1,435	1,223	941	1,157	1,057	1,234	1,197
9	204	116	86	197	83	334	194	364	171	267	507	111
10	1,528	857	711	1,757	149	1,343	1,393	1,294	1,011	1,544	1,167	1,231
11	25	3	2	21	4	11	19	11	6	6	116	18
12	.....	248	307	1	408	415	.....	.....	311	674	598	9
13	670	300	297	590	3,205	1,077	1,509	494	607	1,316	2,000	1,707
14	<i>865</i>	<i>353</i>	<i>291</i>	<i>931</i>	<i>1,521</i>	<i>1,060</i>	<i>810</i>	<i>415</i>	<i>307</i>	<i>1,036</i>	<i>1,406</i>	<i>959</i>
15	30.3	21.8	22.5	24.8	84.5	37.7	51.3	27.5	33.4	37.1	52.4	57.9
16	<i>35.3</i>	<i>25.0</i>	<i>25.0</i>	<i>23.6</i>	<i>78.2</i>	<i>39.7</i>	<i>40.8</i>	<i>25.0</i>	<i>27.2</i>	<i>29.7</i>	<i>42.7</i>	<i>44.3</i>
17	53,284	13,635	18,680	50,262	72,804	47,320	66,936	20,035	30,385	61,658	70,681	84,754
18	27,458	7,854	8,035	25,017	62,087	28,071	47,373	13,883	17,051	40,218	59,296	54,359
19	758,404	175,187	175,060	766,374	3,071,650	557,115	2,243,367	333,548	299,343	759,279	2,043,752	2,865,800
20	417	243	225	512	1,555	824	1,157	378	482	1,124	1,402	1,228
21	13	2	3	7	303	24	20	46	19	11	72	33
22	84	45	66	51	1,254	64	318	55	122	71	602	523
23	105	10	3	20	93	105	14	15	44	110	14	13
24	675	200	163	587	307	716	1,505	493	308	549	1,165	1,773
25	3	.....	.....	1	5	.....	4	.....	.....	.....	3	8
26	1	100	120	2	2,893	361	.....	.....	260	767	922	16
27	9	2	2	7	28	8	17	.....	.....	3	14	1
28	<i>3</i>	.....	<i>5</i>	<i>10</i>	<i>16</i>	<i>8</i>	<i>4</i>	.....	<i>5</i>	<i>15</i>	<i>8</i>	<i>5</i>
29	2,093	470	340	958	37,084	1,601	1,631	.....	.....	978	4,340	60
30	1,116	150	225	357	5,649	390	906	.....	.....	188	1,210	40
31	75,300	14,500	3,000	13,500	750,205	17,515	70,365	.....	.....	13,050	162,020	6,000
32	1,210	812	799	1,493	260	1,471	340	1,137	1,033	1,069	1,308	943
33	329	289	218	271	248	250	515	156	280	534	548	344
34	14	7	3	15	53	39	56	12	15	21	25	21
35	253	238	186	231	169	172	414	100	224	384	337	278
36	480,905	318,405	144,835	494,540	764,000	203,637	904,410	132,940	235,295	494,492	434,033	635,170
37	117,585	61,044	37,207	98,183	181,362	69,838	260,582	28,980	53,687	149,033	118,540	200,055
38	24.4	19.4	25.7	19.9	23.7	29.4	27.0	21.8	22.7	30.1	27.3	31.5

¹ No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

1	4,130	3,204	3,510	4,009	2,086	6,649	4,438	3,449	5,055	5,691	5,400	5,913
2	3,874	3,106	3,404	4,868	2,467	6,031	4,137	3,440	4,823	5,626	5,204	5,751
3	1,040,000	508,382	536,302	1,531,487	399,986	1,299,498	1,104,521	734,077	841,366	1,170,030	1,550,870	1,294,552
4	9,104	48,835	9,293	72,213	16,094	14,707	22,211	5,401	15,250	8,008	9,266	63,645
5	.....	.....	.....	10,401	755	.....	380	.....	.....	.....	13	1,025
6	60	112	.....	1,192	1,460	150	.....	.....	5	.....	950	.....
7	347,277	255,803	223,200	397,050	112,376	514,552	394,386	307,570	366,103	494,731	606,321	426,874
8	50,661	45,090	25,109	71,359	14,322	55,661	41,043	16,047	47,333	26,074	30,866	91,112
9	25	.....	.....	50	.....	.....	.....	.....	.....	.....	4,599	.....
10	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	60	.....
11	59,904	50,794	47,349	97,887	34,284	114,650	89,678	50,890	76,655	106,863	101,543	112,703
12	10,702	16,845	6,168	42,331	10,101	14,253	13,373	4,638	11,098	6,740	8,657	36,561
13	131,199	57,370	53,442	140,441	95,841	114,011	154,044	69,830	93,597	144,611	178,222	220,165
14	42,572	13,125	9,528	55,002	9,721	25,775	39,105	21,353	20,790	25,881	43,350	69,772
15	399,021	123,617	118,409	491,662	123,988	332,735	436,217	184,784	211,213	282,204	356,501	357,369
16	266,815	37,321	39,152	359,227	10,163	120,932	218,362	93,604	79,174	49,300	136,366	154,295
17	101,245	36,964	32,609	129,139	57,776	80,270	139,954	39,410	58,073	76,469	86,977	123,131
18	59,180	10,586	9,155	78,379	5,400	26,753	53,652	18,748	20,522	13,804	28,661	47,595
19	4,468	12,520	4,432	3,131	14,867	10,034	10,341	2,431	6,315	11,401	14,751	23,905
20	277	130	50	189	812	223	160	36	67	56	434	156
21	719	1,594	639	480	1,549	1,064	2,670	347	822	1,417	1,674	2,308
22	2,730	728	1,402	4,067	267	499	425	491	667	575	1,181	996
23	184	.....	30	207	.....	.....	40	6	1	26	.....	9
24	2,004	593	956	4,173	187	499	374	351	378	278	934	948
25	704	651	122	609	92	2,425	850	2,212	1,110	426	2,842	1,593
26	9,728	2,787	2,128	12,042	1,445	5,110	8,252	4,039	5,676	6,654	6,318	6,807
27	1,585	100	71	1,927	230	403	796	553	272	338	721	1,071
28	34,036	6,559	5,573	29,654	2,995	12,402	27,702	7,113	7,934	13,683	12,944	22,251
29	4,020	788	243	4,730	248	437	414	1,216	756	278	417	1,052
30	476,772	33,226	29,409	520,173	44,887	112,393	328,801	135,935	84,984	83,861	148,934	270,243
31	88,639	55,082	40,701	63,090	42,426	95,311	126,941	69,491	70,508	143,922	128,269	155,932

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE, COLOR

[Comparative data for June 1, 1900, in italics.]

	Crawford.	Crittenden.	Cross.	Dallas.	Desha.	Draw.	Faulkner.
FARMS OPERATED BY OWNERS							
1	Number of farms.....	1,815	410	520	1,076	377	1,485
2	Number of farms in 1900.....	<i>1,523</i>	<i>389</i>	<i>522</i>	<i>1,077</i>	<i>399</i>	<i>1,402</i>
3	Per cent of all farms.....	54.6	11.3	28.6	74.4	15.5	42.2
4	Per cent of all farms in 1900.....	<i>49.8</i>	<i>13.4</i>	<i>34.2</i>	<i>78.8</i>	<i>20.8</i>	<i>46.6</i>
5	Land in farms.....acres.....	168,252	41,864	63,470	146,487	70,900	208,182
6	Improved land in farms.....acres.....	70,785	21,640	25,241	41,071	19,181	67,273
7	Value of land and buildings.....dollars.....	3,024,358	1,827,040	1,186,821	1,280,241	1,523,562	2,313,838
Degree of ownership:							
8	Farms consisting of owned land only.....	1,404	352	485	985	338	1,325
9	Farms consisting of owned and hired land.....	411	58	35	91	30	160
Color and nativity of owners:							
10	Native white.....	1,731	66	405	808	124	940
11	Foreign-born white.....	21	4	5	2	5	2
12	Negro and other nonwhite.....	63	340	110	266	243	534
FARMS OPERATED BY TENANTS							
13	Number of farms.....	1,498	3,230	1,299	369	2,049	2,016
14	Number of farms in 1900.....	<i>1,516</i>	<i>1,780</i>	<i>1,008</i>	<i>287</i>	<i>1,807</i>	<i>1,604</i>
15	Per cent of all farms.....	44.0	88.7	71.3	26.5	84.2	57.4
16	Per cent of all farms in 1900.....	<i>49.5</i>	<i>85.7</i>	<i>65.6</i>	<i>21.0</i>	<i>78.6</i>	<i>54.0</i>
17	Land in farms.....acres.....	65,415	95,365	58,766	17,838	96,041	90,006
18	Improved land in farms.....acres.....	46,836	87,313	38,656	8,930	67,067	57,244
19	Value of land and buildings.....dollars.....	1,740,473	4,373,843	1,374,121	150,022	2,684,378	1,098,567
Form of tenancy:							
20	Share tenants.....	1,253	916	574	314	705	1,211
21	Share-cash tenants.....	51	72	119	18	3	60
22	Cash tenants.....	160	1,672	546	28	726	704
23	Tenure not specified.....	29	570	60	9	615	41
Color and nativity of tenants:							
24	Native white.....	1,346	189	469	219	187	568
25	Foreign-born white.....	1	3	1			1
26	Negro and other nonwhite.....	146	3,038	829	150	1,912	1,447
FARMS OPERATED BY MANAGERS							
27	Number of farms.....	14	3	2	1	7	14
28	Number of farms in 1900.....	<i>21</i>	<i>19</i>	<i>4</i>	<i>3</i>	<i>12</i>	<i>17</i>
29	Land in farms.....acres.....	2,786	647	4,030	215	10,228	9,358
30	Improved land in farms.....acres.....	1,561	382	230	25	1,076	3,984
31	Value of land and buildings.....dollars.....	81,690	27,350	81,500	2,500	164,700	242,815
MORTGAGE DEBT REPORTS¹							
For all farms operated by owners:							
32	Number free from mortgage debt.....	1,293	279	380	867	202	927
33	Number with mortgage debt.....	479	85	115	194	73	540
34	Number with no mortgage report.....	43	46	25	15	102	18
For farms consisting of owned land only:							
35	Number reporting debt and amount.....	317	62	104	158	53	432
36	Value of their land and buildings.....dollars.....	544,728	370,925	268,045	140,212	169,910	604,646
37	Amount of mortgage debt.....dollars.....	141,733	67,995	84,852	30,188	48,885	205,313
38	Per cent of value of land and buildings.....	26.0	18.3	31.7	26.8	28.8	34.0

¹ No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS							
Dairy Products							
1	Dairy cows on farms reporting dairy products.....number.....	5,303	3,885	2,595	3,836	2,332	6,773
2	Dairy cows on farms reporting milk produced.....number.....	5,231	3,852	2,418	3,000	2,151	6,435
3	Milk—Produced.....gallons.....	1,419,627	887,190	380,115	672,840	350,951	1,140,016
4	Sold.....gallons.....	50,418	37,069	13,050	10,353	33,586	14,764
5	Cream sold.....gallons.....	1,647	50	3			
6	Butter fat sold.....pounds.....	60					232
7	Butter—Produced.....pounds.....	496,497	310,719	137,183	260,710	131,466	485,770
8	Sold.....pounds.....	74,139	31,748	21,061	31,083	21,794	40,364
9	Cheese—Produced.....pounds.....				25		
10	Sold.....pounds.....						155
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	110,244	76,806	33,250	54,626	36,613	102,778
12	Receipts from sale of dairy products.....dollars.....	26,970	11,663	8,040	8,112	10,926	12,311
Poultry Products							
13	Poultry—Raised.....number.....	130,160	174,351	87,467	55,682	64,345	124,026
14	Sold.....number.....	31,918	24,954	17,507	13,577	8,714	34,182
15	Eggs—Produced.....dozens.....	233,411	276,874	132,828	162,140	89,952	256,051
16	Sold.....dozens.....	115,056	39,083	41,918	57,157	13,029	71,890
17	Value of poultry and eggs produced.....dollars.....	83,990	111,018	44,800	38,878	37,589	70,593
18	Receipts from sale of poultry and eggs.....dollars.....	29,804	15,028	12,061	12,668	5,472	22,796
Honey and Wax							
19	Honey produced.....pounds.....	14,905	2,388	6,328	10,418	742	5,405
20	Wax produced.....pounds.....	135	119	193	68	10	21
21	Value of honey and wax produced.....dollars.....	1,994	317	808	1,183	125	871
Wool, Mohair, and Goat Hair							
22	Wool, fleeces shorn.....number.....	363	6	545	811	91	459
23	Mohair and goat hair, fleeces shorn.....number.....						4
24	Value of wool and mohair produced.....dollars.....	285	4	387	530	62	307
DOMESTIC ANIMALS SOLD OR SLAUGHTERED							
25	Calves—Sold or slaughtered.....number.....	2,420	102	269	337	100	2,272
26	Other cattle—Sold or slaughtered.....number.....	7,845	1,130	2,541	2,840	1,328	8,072
27	Horses, mules, and asses and burros—Sold.....number.....	880	85	146	81	76	431
28	Swine—Sold or slaughtered.....number.....	12,758	4,743	9,030	5,608	4,686	13,232
29	Sheep and goats—Sold or slaughtered.....number.....	100	48	518	332	122	581
30	Receipts from sale of animals.....dollars.....	229,740	28,672	76,324	35,483	26,237	140,672
31	Value of animals slaughtered.....dollars.....	118,843	85,653	61,356	52,353	39,959	99,174

AGRICULTURE—ARKANSAS.

AND NATIVITY OF FARMERS, AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Franklin.	Fulton.	Garland.	Grant.	Greene.	Hempstead.	Hot Spring.	Howard.	Independence.	Izard.	Jackson.	Jefferson.
1												
2	1,070	1,398	1,311	1,184	1,569	2,005	1,484	1,553	1,968	1,525	822	1,254
3	<i>1,538</i>	<i>1,588</i>	<i>1,084</i>	<i>898</i>	<i>1,488</i>	<i>1,766</i>	<i>1,280</i>	<i>1,396</i>	<i>1,684</i>	<i>1,481</i>	<i>761</i>	<i>1,040</i>
4	52.8	67.7	75.8	79.2	50.2	47.9	73.2	58.4	53.4	61.6	25.8	17.6
5	<i>56.9</i>	<i>73.8</i>	<i>77.5</i>	<i>76.4</i>	<i>59.7</i>	<i>60.7</i>	<i>76.8</i>	<i>59.9</i>	<i>60.9</i>	<i>61.9</i>	<i>33.5</i>	<i>17.8</i>
6												
7	189,559	208,705	139,676	109,773	134,782	220,032	157,179	164,728	224,121	217,412	107,575	131,628
8	<i>99,756</i>	<i>68,787</i>	<i>38,296</i>	<i>37,011</i>	<i>69,527</i>	<i>105,384</i>	<i>52,049</i>	<i>64,672</i>	<i>92,207</i>	<i>77,808</i>	<i>34,221</i>	<i>45,245</i>
9	2,891,934	1,539,887	1,995,849	1,103,782	2,915,194	3,302,904	1,795,177	1,748,008	2,826,640	1,279,963	2,101,679	3,316,129
10												
11	1,329	1,160	1,089	977	1,400	1,752	1,124	1,372	1,362	1,223	731	1,108
12	<i>341</i>	<i>238</i>	<i>222</i>	<i>187</i>	<i>169</i>	<i>253</i>	<i>360</i>	<i>181</i>	<i>606</i>	<i>302</i>	<i>91</i>	<i>146</i>
13												
14	1,490	662	404	304	1,557	2,173	542	1,103	1,709	951	2,261	5,836
15	<i>1,165</i>	<i>640</i>	<i>295</i>	<i>306</i>	<i>898</i>	<i>1,700</i>	<i>382</i>	<i>919</i>	<i>1,628</i>	<i>969</i>	<i>1,488</i>	<i>5,689</i>
16	47.1	32.1	23.4	20.7	49.8	51.9	26.7	41.5	46.4	38.4	74.1	82.0
17	<i>45.1</i>	<i>25.2</i>	<i>22.3</i>	<i>23.4</i>	<i>40.1</i>	<i>43.8</i>	<i>23.1</i>	<i>39.5</i>	<i>49.0</i>	<i>38.0</i>	<i>66.2</i>	<i>77.5</i>
18												
19	72,419	49,554	24,246	12,161	69,621	82,221	20,987	46,516	79,916	57,152	104,504	198,006
20	<i>51,288</i>	<i>21,154</i>	<i>9,895</i>	<i>6,568</i>	<i>46,357</i>	<i>62,933</i>	<i>12,286</i>	<i>33,148</i>	<i>56,562</i>	<i>30,138</i>	<i>78,413</i>	<i>141,040</i>
21	1,292,575	457,176	359,995	125,284	1,931,372	1,454,740	290,945	705,977	1,941,415	549,076	3,655,669	5,671,320
22												
23	1,238	557	303	234	1,394	1,850	438	960	1,089	896	1,206	3,176
24	<i>53</i>	<i>10</i>	<i>2</i>	<i>5</i>	<i>33</i>	<i>29</i>	<i>3</i>	<i>8</i>	<i>49</i>	<i>8</i>	<i>38</i>	<i>300</i>
25	183	54	83	57	114	231	27	50	557	40	1,081	2,173
26	<i>11</i>	<i>41</i>	<i>16</i>	<i>8</i>	<i>16</i>	<i>63</i>	<i>74</i>	<i>85</i>	<i>14</i>	<i>7</i>	<i>36</i>	<i>187</i>
27												
28	1,460	659	385	263	1,552	845	509	747	1,047	927	1,672	356
29	<i>7</i>	<i>1</i>	<i>9</i>	<i>5</i>	<i>5</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>5</i>	<i>5</i>	<i>7</i>	<i>10</i>
30	23	2	10	41	.....	1,327	32	355	57	24	682	5,470
31												
32	5	4	14	2	.....	8	2	2	6	1	3	23
33	<i>1</i>	<i>21</i>	<i>3</i>	<i>2</i>	<i>0</i>	<i>17</i>	<i>1</i>	<i>14</i>	<i>5</i>	<i>8</i>	<i>7</i>	<i>81</i>
34	998	723	4,400	200	.....	2,082	159	27	1,328	80	1,171	25,527
35	<i>680</i>	<i>248</i>	<i>1,466</i>	<i>85</i>	<i>.....</i>	<i>1,352</i>	<i>85</i>	<i>22</i>	<i>665</i>	<i>75</i>	<i>99</i>	<i>6,060</i>
36	10,235	8,000	187,900	1,680	.....	41,450	1,700	1,100	30,700	4,000	16,050	1,349,375
37												
38	1,298	1,127	1,181	992	1,107	1,445	1,276	1,248	1,540	1,385	567	807
39	<i>355</i>	<i>262</i>	<i>123</i>	<i>169</i>	<i>444</i>	<i>517</i>	<i>196</i>	<i>168</i>	<i>362</i>	<i>123</i>	<i>241</i>	<i>369</i>
40	<i>17</i>	<i>9</i>	<i>7</i>	<i>3</i>	<i>18</i>	<i>43</i>	<i>12</i>	<i>7</i>	<i>66</i>	<i>7</i>	<i>14</i>	<i>78</i>
41												
42	259	212	95	111	377	382	133	165	190	88	189	259
43	<i>498,754</i>	<i>273,027</i>	<i>254,548</i>	<i>115,485</i>	<i>759,098</i>	<i>648,583</i>	<i>133,480</i>	<i>189,051</i>	<i>262,333</i>	<i>82,454</i>	<i>572,635</i>	<i>813,663</i>
44	<i>155,896</i>	<i>70,681</i>	<i>55,895</i>	<i>22,502</i>	<i>228,243</i>	<i>196,086</i>	<i>38,447</i>	<i>50,749</i>	<i>81,731</i>	<i>28,914</i>	<i>155,952</i>	<i>193,214</i>
45	<i>31.3</i>	<i>25.9</i>	<i>22.0</i>	<i>19.5</i>	<i>30.1</i>	<i>30.2</i>	<i>28.1</i>	<i>28.8</i>	<i>28.0</i>	<i>38.1</i>	<i>27.4</i>	<i>24.4</i>

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1												
2	6,312	4,834	4,970	3,698	5,947	6,989	4,394	5,807	6,700	4,956	5,445	4,699
3	<i>6,298</i>	<i>4,804</i>	<i>4,384</i>	<i>3,661</i>	<i>5,691</i>	<i>6,936</i>	<i>4,393</i>	<i>5,601</i>	<i>6,664</i>	<i>4,795</i>	<i>5,418</i>	<i>4,458</i>
4	1,096,800	925,822	1,187,937	651,874	1,508,628	1,644,551	1,005,678	1,195,482	1,673,064	1,070,024	1,016,857	821,767
5	<i>14,190</i>	<i>3,031</i>	<i>633,085</i>	<i>4,384</i>	<i>48,800</i>	<i>31,467</i>	<i>12,676</i>	<i>6,568</i>	<i>4,919</i>	<i>1,844</i>	<i>20,722</i>	<i>27,775</i>
6	<i>91</i>	<i>700</i>	<i>118</i>	<i>6,361</i>	<i>6,975</i>	<i>100</i>	<i>.....</i>	<i>80</i>	<i>.....</i>	<i>.....</i>	<i>350</i>	<i>600</i>
7												
8	653,366	264,947	361,220	283,257	519,339	589,239	401,341	504,234	622,603	390,894	395,344	329,665
9	<i>135,695</i>	<i>21,993</i>	<i>74,555</i>	<i>24,060</i>	<i>74,391</i>	<i>56,681</i>	<i>32,770</i>	<i>29,708</i>	<i>52,756</i>	<i>9,922</i>	<i>30,729</i>	<i>72,949</i>
10												
11	111,442	41,329	212,571	58,584	125,649	134,671	81,273	95,499	119,996	55,454	96,760	81,413
12	<i>25,931</i>	<i>4,948</i>	<i>149,573</i>	<i>5,568</i>	<i>32,141</i>	<i>20,030</i>	<i>8,196</i>	<i>6,768</i>	<i>11,473</i>	<i>1,849</i>	<i>11,360</i>	<i>23,457</i>
13												
14	151,249	100,940	76,281	64,803	179,315	173,473	90,224	115,215	175,361	104,969	168,667	143,555
15	<i>37,220</i>	<i>40,689</i>	<i>35,569</i>	<i>20,987</i>	<i>44,966</i>	<i>29,173</i>	<i>27,673</i>	<i>20,952</i>	<i>40,045</i>	<i>27,282</i>	<i>32,014</i>	<i>17,564</i>
16	481,249	284,895	285,234	177,610	535,252	385,084	344,198	307,139	600,204	334,772	307,977	172,177
17	<i>224,829</i>	<i>162,636</i>	<i>120,121</i>	<i>79,636</i>	<i>253,629</i>	<i>123,034</i>	<i>156,104</i>	<i>130,519</i>	<i>333,825</i>	<i>201,092</i>	<i>62,994</i>	<i>25,730</i>
18	<i>107,343</i>	<i>67,456</i>	<i>82,996</i>	<i>47,456</i>	<i>141,650</i>	<i>117,369</i>	<i>79,521</i>	<i>61,668</i>	<i>136,781</i>	<i>65,348</i>	<i>97,304</i>	<i>75,902</i>
19	<i>43,682</i>	<i>35,395</i>	<i>19,364</i>	<i>56,419</i>	<i>29,784</i>	<i>33,466</i>	<i>20,953</i>	<i>62,360</i>	<i>31,977</i>	<i>19,802</i>	<i>11,697</i>	<i>11,697</i>
20												
21	13,709	5,821	10,711	14,329	20,261	10,563	9,950	10,684	13,152	10,814	20,864	2,136
22	<i>420</i>	<i>106</i>	<i>155</i>	<i>231</i>	<i>552</i>	<i>339</i>	<i>82</i>	<i>425</i>	<i>315</i>	<i>271</i>	<i>576</i>	<i>64</i>
23	1,707	905	1,814	1,744	2,381	1,382	1,277	1,273	1,620	1,397	2,451	258
24												
25	566	4,180	807	417	981	565	865	1,064	1,735	2,102	426	173
26	<i>21</i>	<i>81</i>	<i>249</i>	<i>4</i>	<i>2</i>	<i>8</i>	<i>.....</i>	<i>34</i>	<i>.....</i>	<i>.....</i>	<i>19</i>	<i>.....</i>
27	459	3,456	685	281	912	497	538	761	1,674	1,575	465	128
28												
29	2,308	1,317	1,339	442	1,941	1,610	1,759	1,245	2,195	1,571	741	834
30	<i>7,094</i>	<i>5,576</i>	<i>6,707</i>	<i>2,533</i>	<i>7,084</i>	<i>5,563</i>	<i>4,605</i>	<i>4,648</i>	<i>7,363</i>	<i>7,240</i>	<i>6,051</i>	<i>2,512</i>
31	<i>965</i>	<i>1,068</i>	<i>334</i>	<i>230</i>	<i>1,318</i>	<i>404</i>	<i>426</i>	<i>495</i>	<i>1,255</i>	<i>909</i>	<i>622</i>	<i>161</i>
32	13,480	19,739	7,837	7,462	26,931	12,271	9,588	10,847	21,920	16,056	16,979	5,445
33	<i>818</i>	<i>3,717</i>	<i>1,462</i>	<i>315</i>	<i>1,088</i>	<i>178</i>	<i>662</i>	<i>300</i>	<i>1,168</i>	<i>1,845</i>	<i>253</i>	<i>405</i>
34												
35	234,890	256,630	78,372	50,135	331,695	109,326	97,100	109,312	273,155	242,098	189,830	41,614
36	<i>139,285</i>	<i>84,162</i>	<i>112,262</i>	<i>67,321</i>	<i>147,629</i>	<i>140,696</i>	<i>87,350</i>	<i>118,658</i>	<i>235,841</i>	<i>99,052</i>	<i>134,580</i>	<i>68,553</i>

AGRICULTURE—ARKANSAS.

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE, COLOR

[Comparative data for June 1, 1900, in italics.]

	Johnson.	Lafayette. ¹	Lawrence.	Lee.	Lincoln.	Little River.	Logan. ¹	Lonoke.	
FARMS OPERATED BY OWNERS									
1	Number of farms.....	1,651	931	1,046	964	923	839	2,209	1,587
2	Number of farms in 1900.....	<i>1,410</i>	<i>601</i>	<i>908</i>	<i>812</i>	<i>876</i>	<i>740</i>	<i>1,677</i>	<i>1,488</i>
3	Per cent of all farms.....	53.8	55.6	41.1	24.8	30.8	41.5	54.0	31.1
4	Per cent of all farms in 1900.....	<i>55.1</i>	<i>50.0</i>	<i>49.8</i>	<i>27.2</i>	<i>27.1</i>	<i>46.7</i>	<i>51.1</i>	<i>45.5</i>
5	Land in farms.....acres.....	163,880	113,104	135,051	92,823	133,132	117,240	229,767	170,434
6	Improved land in farms.....acres.....	71,320	43,793	56,897	44,053	47,024	40,836	106,269	87,278
7	Value of land and buildings.....dollars.....	2,334,223	1,411,200	2,266,262	2,328,787	1,607,181	1,534,709	3,734,781	3,834,461
Degree of ownership:									
8	Farms consisting of owned land only.....	1,193	785	769	841	784	702	1,788	1,402
9	Farms consisting of owned and hired land.....	458	146	277	123	139	137	431	185
Color and nativity of owners:									
10	Native white.....	1,548	611	1,016	268	577	594	2,118	1,309
11	Foreign-born white.....	91	7	8	4	7	11	135	8
12	Negro and other nonwhite.....	12	313	22	702	339	234	16	270
FARMS OPERATED BY TENANTS									
13	Number of farms.....	1,405	732	1,500	2,902	2,059	1,178	1,890	3,493
14	Number of farms in 1900.....	<i>1,140</i>	<i>688</i>	<i>998</i>	<i>2,161</i>	<i>1,472</i>	<i>1,080</i>	<i>1,673</i>	<i>1,983</i>
15	Per cent of all farms.....	45.8	43.7	58.9	74.7	68.7	53.3	46.2	68.4
16	Per cent of all farms in 1900.....	<i>44.5</i>	<i>43.0</i>	<i>49.8</i>	<i>72.1</i>	<i>62.5</i>	<i>53.5</i>	<i>48.8</i>	<i>56.8</i>
17	Land in farms.....acres.....	93,169	30,487	79,754	91,365	59,854	40,188	83,266	113,093
18	Improved land in farms.....acres.....	43,342	21,402	54,578	45,711	45,711	34,051	59,642	92,224
19	Value of land and buildings.....dollars.....	1,368,800	690,989	2,519,491	2,722,845	1,311,887	860,905	1,823,252	4,053,501
Form of tenancy:									
20	Share tenants.....	1,008	500	968	1,104	1,093	1,010	1,501	1,844
21	Share-cash tenants.....	73	14	83	64	22	32	37	94
22	Cash tenants.....	264	154	429	1,672	715	106	283	1,859
23	Tenure not specified.....	10	55	20	62	229	30	34	106
Color and nativity of tenants:									
24	Native white.....	1,369	306	1,447	250	345	434	1,809	1,408
25	Foreign-born white.....	12	1	6	1	3	1	12	4
26	Negro and other nonwhite.....	34	425	47	2,651	1,711	743	59	2,021
FARMS OPERATED BY MANAGERS									
27	Number of farms.....	18	11	2	20	14	4	9	24
28	Number of farms in 1900.....	<i>0</i>	<i>14</i>	<i>10</i>	<i>19</i>	<i>9</i>	<i>7</i>	<i>5</i>	<i>20</i>
29	Land in farms.....acres.....	3,912	7,792	490	22,384	23,755	1,190	3,105	4,159
30	Improved land in farms.....acres.....	3,042	1,839	75	8,108	4,777	691	1,095	2,358
31	Value of land and buildings.....dollars.....	123,375	200,395	4,300	760,650	619,830	21,200	164,800	207,450
MORTGAGE DEBT REPORTS²									
For all farms operated by owners:									
32	Number free from mortgage debt.....	1,311	645	770	538	671	568	1,834	1,070
33	Number with mortgage debt.....	325	293	242	367	179	250	412	454
34	Number with no mortgage report.....	15	23	34	59	73	21	23	64
For farms consisting of owned land only:									
35	Number reporting debt and amount.....	200	187	161	277	130	176	264	342
36	Value of their land and buildings.....dollars.....	262,994	287,620	369,180	620,666	499,395	384,461	419,405	927,287
37	Amount of mortgage debt.....dollars.....	69,613	88,041	94,155	176,319	153,767	84,356	128,404	278,752
38	Per cent of value of land and buildings.....	26.5	30.6	25.5	28.4	30.8	21.9	30.6	30.1

¹ Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....number.....	5,112	3,658	5,211	5,000	3,937	3,331	7,592	7,225
2	Dairy cows on farms reporting milk produced.....number.....	4,842	3,412	5,193	4,970	3,886	3,137	7,538	6,477
3	Milk—Produced.....gallons.....	1,392,516	630,219	1,059,664	994,818	819,397	480,606	1,983,345	1,628,156
4	Sold.....gallons.....	9,335	25,670	15,361	10,586	3,133	2,509	14,463	648,825
5	Cream sold.....gallons.....	100	15					5	
6	Butter fat sold.....pounds.....						35	20	1,780
7	Butter—Produced.....pounds.....	535,788	251,827	361,015	318,896	312,901	175,775	678,050	425,734
8	Sold.....pounds.....	65,856	30,959	38,977	30,544	17,582	14,458	86,579	61,559
9	Cheese—Produced.....pounds.....						75	20	1,000
10	Sold.....pounds.....						75		
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	102,546	60,274	76,285	76,461	69,971	37,070	116,920	173,309
12	Receipts from sale of dairy products.....dollars.....	14,785	10,871	10,965	8,444	3,895	3,661	17,937	96,506
Poultry Products									
13	Poultry—Raised.....number.....	140,644	84,307	137,431	191,078	118,226	56,912	197,537	157,793
14	Sold.....number.....	29,519	14,824	35,256	30,909	18,903	8,350	47,413	37,323
15	Eggs—Produced.....dozens.....	447,610	142,054	418,429	174,669	188,291	125,195	625,228	204,850
16	Sold.....dozens.....	185,145	27,826	215,220	33,628	39,459	29,762	312,423	90,172
17	Value of poultry and eggs produced.....dollars.....	99,198	43,295	109,529	93,016	68,069	30,937	141,146	99,735
18	Receipts from sale of poultry and eggs.....dollars.....	35,680	8,769	40,489	17,014	12,770	7,054	60,161	28,120
Honey and Wax									
19	Honey produced.....pounds.....	18,305	8,253	15,560	9,433	4,615	6,337	17,864	7,942
20	Wax produced.....pounds.....	724	354	161	257	88	59	202	116
21	Value of honey and wax produced.....dollars.....	2,686	972	2,478	1,102	566	702	2,088	927
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....number.....	1,250	190	730	463	283	118	1,201	357
23	Mohair and goat hair, fleeces shorn.....number.....	89		36				23	2
24	Value of wool and mohair produced.....dollars.....	934	139	749	331	220	92	1,028	285
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered.....number.....	2,060	481	1,538	300	456	299	4,543	1,972
26	Other cattle—Sold or slaughtered.....number.....	4,612	2,070	7,687	1,936	2,897	2,240	9,369	5,038
27	Horses, mules, and asses and burros—Sold.....number.....	995	209	1,304	202	187	188	1,195	590
28	Pigs—Sold or slaughtered.....number.....	11,766	6,801	24,236	8,672	7,574	5,409	12,069	17,993
29	Sheep and goats—Sold or slaughtered.....number.....	657	72	720	232	274	41	561	504
30	Receipts from sale of animals.....dollars.....	169,126	61,144	368,227	57,226	51,415	37,558	261,833	141,881
31	Value of animals slaughtered.....dollars.....	125,632	49,239	100,586	100,658	75,333	52,787	136,301	94,217

AGRICULTURE—ARKANSAS.

AND NATIVITY OF FARMERS, AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in Italics.]

	Madison.	Marion.	Miller.	Mississippi. ¹	Monroe.	Montgomery.	Nevada.	Newton.	Ouachita.	Perry.	Phillips.	Pike.
1	2,035	909	1,079	634	612	1,504	1,806	1,425	1,543	687	856	1,171
2	<i>2,375</i>	<i>1,018</i>	<i>1,048</i>	<i>600</i>	<i>665</i>	<i>1,298</i>	<i>1,690</i>	<i>1,049</i>	<i>1,394</i>	<i>878</i>	<i>828</i>	<i>1,214</i>
3	74.6	53.9	54.3	18.0	21.1	72.8	68.3	75.0	67.1	52.8	18.4	61.2
4	76.7	<i>61.4</i>	<i>53.2</i>	<i>29.1</i>	<i>25.0</i>	<i>74.2</i>	<i>68.1</i>	<i>82.0</i>	<i>67.0</i>	<i>48.3</i>	<i>21.6</i>	<i>73.4</i>
5	303,318	111,068	120,633	69,190	57,869	195,983	223,523	190,091	201,626	66,688	90,703	138,126
6	101,743	39,574	45,806	37,108	23,261	47,348	95,366	44,534	73,423	24,757	45,737	40,626
7	2,409,163	1,090,042	1,583,754	3,246,149	1,211,524	1,569,059	2,123,933	1,105,919	1,854,336	798,073	2,871,074	1,269,935
8	1,690	715	941	510	400	1,135	1,588	1,105	1,411	522	791	932
9	339	194	138	124	122	369	218	320	132	165	65	239
10	2,013	906	877	500	273	1,460	1,470	1,411	758	600	237	1,112
11	13	3	19	6	7	10	5	13	7	25	32	4
12	9	.....	183	128	332	25	331	1	778	53	587	55
13	691	772	895	2,881	2,280	562	1,045	474	750	614	3,777	632
14	<i>690</i>	<i>688</i>	<i>911</i>	<i>1,204</i>	<i>1,682</i>	<i>498</i>	<i>714</i>	<i>386</i>	<i>686</i>	<i>596</i>	<i>2,978</i>	<i>827</i>
15	25.3	45.8	45.1	81.6	78.5	27.2	36.6	25.0	32.9	47.2	81.2	33.1
16	<i>22.3</i>	<i>38.2</i>	<i>46.3</i>	<i>70.0</i>	<i>74.4</i>	<i>26.6</i>	<i>31.3</i>	<i>16.9</i>	<i>32.9</i>	<i>50.8</i>	<i>77.7</i>	<i>21.1</i>
17	50,939	54,610	42,024	104,932	81,248	29,223	54,370	39,632	57,653	22,028	109,832	23,226
18	24,610	23,886	25,241	87,905	64,504	13,604	33,428	11,746	24,553	16,062	92,833	14,268
19	611,054	692,887	761,340	5,720,153	2,348,464	332,484	558,434	294,079	611,806	372,317	4,038,430	302,606
20	526	515	666	1,137	1,101	484	914	330	467	375	1,701	573
21	61	8	9	28	13	1	12	11	56	28	39	8
22	56	75	216	1,068	1,091	42	104	103	213	210	1,941	43
23	48	174	4	48	75	35	15	21	20	1	96	8
24	689	771	528	1,132	480	536	535	474	235	525	175	587
25	1	1	5	5	1	1	1	.....	3	1	6	1
26	1	.....	362	1,744	1,709	25	509	.....	518	88	3,596	44
27	2	4	12	15	13	1	4	.....	1	1	18	169
28	30	8	10	19	14	2	4	.....	10	5	87	8
29	384	545	18,979	5,625	3,183	600	2,175	.....	136	67	12,084	3,937
30	292	250	3,635	3,659	988	38	490	.....	65	67	5,876	1,992
31	5,950	6,950	245,145	311,360	74,065	5,000	27,150	.....	2,360	845	430,850	201,850
32	1,705	809	795	371	410	1,360	1,423	1,321	1,135	607	572	1,031
33	317	87	261	224	165	95	371	88	397	78	231	132
34	13	13	23	39	37	10	12	16	11	2	53	8
35	255	66	220	158	112	63	292	68	311	47	186	63
36	368,571	76,785	410,143	845,955	224,833	83,670	294,714	72,694	330,577	55,030	593,992	127,120
37	90,890	19,530	95,344	223,250	72,871	18,546	95,940	20,282	99,369	14,241	138,950	28,322
38	24.7	25.4	23.2	26.4	32.4	22.2	32.6	27.9	30.1	25.6	23.4	22.3

¹No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	4,900	3,652	4,303	4,553	3,847	4,258	6,003	3,666	4,453	2,812	4,013	4,091
2	4,902	3,341	4,191	4,485	3,805	4,234	5,872	3,648	4,310	2,776	4,712	4,052
3	1,290,534	685,478	665,845	822,467	883,367	988,570	1,228,330	869,224	903,898	621,202	831,461	804,716
4	2,373	3,117	65,648	21,977	15,605	2,318	10,612	2,375	24,882	1,062	59,983	8,877
5	.....	.....	.....	65	.....	.....	30	.....	10	.....	.....	.....
6	.....	.....	.....	250	.....	50	.....	113	.....	.....	309	.....
7	492,462	292,048	221,801	266,151	272,348	363,328	577,539	333,136	297,764	204,052	277,790	385,001
8	29,787	22,364	64,008	35,141	20,243	13,108	51,331	11,967	34,022	12,406	35,628	24,233
9	60	.....	400	.....	.....	.....	76	.....	76	.....	764	.....
10	10	.....	400	.....	.....	.....	50	.....	50	.....	364	.....
11	72,458	42,918	66,910	64,992	66,655	77,013	116,425	38,825	60,386	36,013	76,592	79,449
12	5,444	4,638	34,929	11,171	10,578	3,807	14,411	1,807	13,127	2,547	25,031	6,253
13	123,287	80,068	65,501	147,712	105,569	113,070	115,720	71,657	95,338	48,721	193,037	67,937
14	42,635	20,810	21,897	26,826	15,536	59,794	22,624	18,974	22,837	11,213	34,519	18,886
15	603,831	253,571	201,745	262,636	137,621	268,554	322,755	252,230	199,718	100,902	182,770	160,436
16	482,688	165,611	83,006	64,482	32,385	144,325	114,474	169,966	49,299	32,041	34,333	94,846
17	121,350	64,168	53,369	91,759	55,934	72,870	70,916	48,764	58,013	27,206	96,333	41,049
18	83,094	35,189	20,637	20,669	11,921	39,899	22,210	24,804	16,814	18,358	18,358	16,870
19	10,640	3,924	26,336	8,660	5,488	13,888	15,946	20,371	21,202	10,060	2,867	10,550
20	483	243	1,735	70	111	144	217	1,034	361	623	81	302
21	1,397	556	3,363	968	632	1,692	1,748	2,360	2,347	1,180	453	1,304
22	5,714	806	512	5	210	664	648	1,439	1,040	276	255	298
23	639	1	.....	.....	.....	5	8	.....	.....	.....	.....	.....
24	5,731	1,007	340	4	258	371	563	1,212	630	243	243	156
25	1,402	1,068	1,179	707	310	1,468	1,957	1,298	602	519	710	475
26	7,356	7,771	4,700	4,058	1,937	5,482	7,860	7,497	2,819	2,286	2,443	7,462
27	1,413	634	211	510	311	535	621	685	231	228	142	328
28	23,987	11,196	7,900	12,527	7,108	11,301	13,421	17,585	8,273	4,591	6,197	8,192
29	6,129	575	872	98	83	521	459	1,389	231	344	206	142
30	302,408	215,789	79,693	172,463	73,197	122,543	170,562	229,701	47,339	56,125	59,942	110,833
31	113,345	71,118	66,487	102,033	67,213	93,796	118,107	80,279	82,034	42,295	59,296	86,603

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE, COLOR

[Comparative data for June 1, 1900, in italics.]

	Poinsett.	Polk.	Popa.	Prairie.	Pulaski.	Randolph.	St. Francis.	Saline.
FARMS OPERATED BY OWNERS								
1 Number of farms.....	572	1,756	2,034	916	1,742	1,671	866	1,601
2 <i>Number of farms in 1900.....</i>	<i>600</i>	<i>1,886</i>	<i>1,946</i>	<i>889</i>	<i>1,810</i>	<i>1,438</i>	<i>780</i>	<i>1,599</i>
3 Per cent of all farms.....	37.3	77.2	53.0	48.1	36.7	54.8	22.7	67.2
4 <i>Per cent of all farms in 1900.....</i>	<i>60.0</i>	<i>76.5</i>	<i>64.8</i>	<i>47.6</i>	<i>59.7</i>	<i>67.9</i>	<i>28.7</i>	<i>69.2</i>
5 Land in farms..... acres.....	61,910	210,330	205,772	120,004	140,707	206,396	79,143	187,232
6 <i>Improved land in farms.....</i> acres.....	<i>23,016</i>	<i>87,753</i>	<i>80,794</i>	<i>64,346</i>	<i>66,432</i>	<i>85,767</i>	<i>34,297</i>	<i>55,874</i>
7 Value of land and buildings..... dollars.....	1,577,741	1,947,816	2,776,506	2,759,096	3,837,055	2,041,669	1,756,348	2,278,698
Degree of ownership:								
8 Farms consisting of owned land only.....	553	1,523	1,480	762	1,512	1,273	784	1,185
9 Farms consisting of owned and hired land.....	19	233	554	154	230	398	132	463
Color and nativity of owners:								
10 Native white.....	517	1,704	1,000	678	975	1,590	377	1,380
11 Foreign-born white.....	29	40	56	110	187	49	11	78
12 Negro and other nonwhite.....	26	3	78	128	610	23	478	143
FARMS OPERATED BY TENANTS								
13 Number of farms.....	961	513	1,793	971	2,974	1,373	2,020	778
14 <i>Number of farms in 1900.....</i>	<i>328</i>	<i>433</i>	<i>1,698</i>	<i>975</i>	<i>2,411</i>	<i>1,040</i>	<i>1,021</i>	<i>619</i>
15 Per cent of all farms.....	62.6	22.5	46.7	51.0	62.6	45.0	76.9	32.6
16 <i>Per cent of all farms in 1900.....</i>	<i>39.1</i>	<i>28.8</i>	<i>44.9</i>	<i>58.2</i>	<i>59.5</i>	<i>40.8</i>	<i>70.7</i>	<i>80.0</i>
17 Land in farms..... acres.....	39,080	36,711	82,580	63,212	84,342	78,282	93,711	34,371
18 <i>Improved land in farms.....</i> acres.....	<i>28,294</i>	<i>18,024</i>	<i>57,317</i>	<i>40,920</i>	<i>67,408</i>	<i>50,452</i>	<i>76,438</i>	<i>19,868</i>
19 Value of land and buildings..... dollars.....	1,323,375	385,440	1,655,882	1,626,446	4,318,711	2,270,959	2,840,047	646,455
Form of tenancy:								
20 Share tenants.....	589	429	1,098	518	1,987	1,098	1,758	532
21 Share-cash tenants.....	8	1	73	24	94	37	8	28
22 Cash tenants.....	331	65	609	378	843	166	1,036	150
23 Tenure not specified.....	33	18	13	51	60	72	127	68
Color and nativity of tenants:								
24 Native white.....	742	506	1,624	404	572	1,337	474	635
25 Foreign-born white.....	1	4	14	16	12	5	4	3
26 Negro and other nonwhite.....	218	3	155	491	2,390	31	2,451	140
FARMS OPERATED BY MANAGERS								
27 Number of farms.....	2	7	11	17	34	8	12	5
28 <i>Number of farms in 1900.....</i>	<i>7</i>	<i>5</i>	<i>11</i>	<i>5</i>	<i>32</i>	<i>39</i>	<i>15</i>	<i>4</i>
29 Land in farms..... acres.....	350	2,128	2,104	6,255	13,903	2,604	5,004	1,007
30 <i>Improved land in farms.....</i> acres.....	<i>210</i>	<i>655</i>	<i>775</i>	<i>3,652</i>	<i>3,672</i>	<i>1,104</i>	<i>2,884</i>	<i>298</i>
31 Value of land and buildings..... dollars.....	10,500	42,100	44,904	194,370	523,155	47,685	208,580	30,750
MORTGAGE DEBT REPORTS								
For all farms operated by owners:								
32 Number free from mortgage debt.....	415	1,537	1,565	908	1,354	1,331	549	1,333
33 Number with mortgage debt.....	142	200	439	301	350	320	278	244
34 Number with no mortgage report.....	16	10	30	7	20	14	30	24
For farms consisting of owned land only:								
35 Number reporting debt and amount.....	134	153	272	215	272	222	204	142
36 Value of their land and buildings..... dollars.....	481,430	268,538	356,498	805,800	680,009	462,208	390,671	174,415
37 Amount of mortgage debt..... dollars.....	114,993	71,724	99,312	290,378	131,843	97,172	123,940	34,996
38 Per cent of value of land and buildings.....	23.9	26.7	27.9	23.1	19.4	21.0	31.2	20.1

¹ Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1 Dairy cows on farms reporting dairy products..... number.....	1,868	4,575	5,538	6,028	6,453	6,381	3,387	5,184
2 Dairy cows on farms reporting milk produced..... number.....	1,649	4,549	5,509	6,004	6,034	6,124	2,891	4,028
3 Milk—Produced..... gallons.....	368,859	964,664	1,721,193	1,408,519	1,617,651	1,366,372	679,754	1,040,620
4 Sold..... gallons.....	8,124	29,685	14,952	698,082	214,164	4,023	11,856	60,333
5 Cream sold..... gallons.....	200	200	190	200	12,470	22	87	.....
6 Butter fat sold..... pounds.....	2,474	109	6,300	1,050	335	.....	.....	.....
7 Butter—Produced..... pounds.....	149,878	381,855	705,250	208,651	498,832	435,292	273,570	458,146
8 Sold..... pounds.....	24,589	60,019	68,599	36,901	156,774	31,051	32,105	63,002
9 Cheese—Produced..... pounds.....	20	20	.....	.....	.....	.....	.....	.....
10 Sold..... pounds.....	.....	.....	.....	.....	3,045	50	.....	567
11 Value of dairy products, excluding home use of milk and cream..... dollars.....	37,663	88,448	129,356	109,400	179,428	86,627	66,909	107,720
12 Receipts from sale of dairy products..... dollars.....	7,137	22,664	15,032	71,809	102,545	7,530	10,031	25,939
Poultry Products								
13 Poultry—Raised..... number.....	76,377	86,288	174,550	86,716	176,109	155,625	166,416	101,494
14 Sold..... number.....	22,202	29,855	38,420	24,003	42,293	46,251	22,480	37,180
15 Eggs—Produced..... dozens.....	146,610	254,730	492,071	207,190	359,420	519,910	222,933	361,024
16 Sold..... dozens.....	48,948	118,595	230,113	70,519	114,299	283,185	50,487	202,010
17 Value of poultry and eggs produced..... dollars.....	46,498	60,024	119,440	59,143	138,347	122,860	92,759	80,193
18 Receipts from sale of poultry and eggs..... dollars.....	14,881	25,400	45,544	19,088	40,944	57,589	17,431	45,477
Honey and Wax								
19 Honey produced..... pounds.....	74,819	9,950	22,495	10,087	26,461	6,644	8,783	7,043
20 Wax produced..... pounds.....	1,007	139	400	36	633	43	68	119
21 Value of honey and wax produced..... dollars.....	6,434	1,265	2,437	1,092	4,132	1,028	1,034	1,073
Wool, Mohair, and Goat Hair								
22 Wool, fleeces shorn..... number.....	72	834	492	416	592	2,049	136	933
23 Mohair and goat hair, fleeces shorn..... number.....	.....	5	24	.....	46	46	75	22
24 Value of wool and mohair produced..... dollars.....	70	518	426	313	565	2,268	165	702
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25 Calves—Sold or slaughtered..... number.....	295	1,058	2,319	1,863	2,047	1,657	361	831
26 Other cattle—Sold or slaughtered..... number.....	3,034	7,515	6,813	5,539	5,230	8,258	2,669	3,319
27 Horses, mules, and asses and burros—Sold..... number.....	277	477	1,077	315	366	1,091	175	390
28 Swine—Sold or slaughtered..... number.....	9,137	8,910	15,792	12,326	9,476	27,903	10,578	11,101
29 Sheep and goats—Sold or slaughtered..... number.....	101	730	765	459	1,143	2,703	498	643
30 Receipts from sale of animals..... dollars.....	115,279	137,847	212,453	161,503	91,511	367,267	51,528	93,113
31 Value of animals slaughtered..... dollars.....	50,008	72,350	151,374	70,427	121,785	126,954	58,029	108,462

AGRICULTURE—ARKANSAS.

AND NATIVITY OF FARMERS, AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Scott. ¹	Searcy.	Sebastian. ¹	Sevier.	Sharp.	Stone.	Union.	Van Buren.	Washington.	White.	Woodruff.	Yell.
1	1,496	1,505	1,627	1,382	1,403	1,061	2,320	1,757	3,567	2,472	481	1,855
2	<i>1,248</i>	<i>1,839</i>	<i>1,635</i>	<i>1,125</i>	<i>1,568</i>	<i>530</i>	<i>1,984</i>	<i>1,871</i>	<i>3,436</i>	<i>2,177</i>	<i>459</i>	<i>1,547</i>
3	62.8	73.7	48.9	62.6	65.4	72.2	60.2	75.9	75.9	60.9	14.9	45.6
4	<i>61.8</i>	<i>67.4</i>	<i>40.5</i>	<i>62.1</i>	<i>65.0</i>	<i>65.9</i>	<i>73.0</i>	<i>81.0</i>	<i>74.4</i>	<i>59.1</i>	<i>18.2</i>	<i>47.5</i>
5	160,273	200,251	132,772	173,795	215,635	173,002	341,716	242,339	377,896	245,047	50,449	185,513
6	<i>58,337</i>	<i>55,540</i>	<i>75,626</i>	<i>60,014</i>	<i>77,803</i>	<i>33,695</i>	<i>113,385</i>	<i>73,616</i>	<i>193,347</i>	<i>104,635</i>	<i>18,701</i>	<i>72,340</i>
7	1,767,043	1,023,853	3,908,517	2,002,966	1,645,807	960,813	2,965,229	1,760,413	9,788,517	3,253,213	1,250,415	2,074,054
8	1,124	1,202	1,341	1,165	1,077	809	2,021	1,310	3,050	1,995	398	1,390
9	<i>372</i>	<i>303</i>	<i>296</i>	<i>217</i>	<i>326</i>	<i>252</i>	<i>299</i>	<i>447</i>	<i>477</i>	<i>83</i>	<i>83</i>	<i>465</i>
10	1,472	1,490	1,524	1,232	1,355	1,042	1,085	1,725	3,445	2,336	226	1,742
11	<i>23</i>	<i>5</i>	<i>73</i>	<i>9</i>	<i>42</i>	<i>10</i>	<i>5</i>	<i>2</i>	<i>102</i>	<i>67</i>	<i>7</i>	<i>40</i>
12	1	1	30	141	6	9	630	30	20	69	248	73
13	886	537	1,093	813	740	408	1,175	557	1,093	1,577	2,748	2,202
14	<i>769</i>	<i>666</i>	<i>1,662</i>	<i>688</i>	<i>422</i>	<i>422</i>	<i>739</i>	<i>365</i>	<i>1,169</i>	<i>1,492</i>	<i>2,041</i>	<i>1,711</i>
15	37.2	20.3	50.9	37.1	34.5	27.8	33.5	24.1	23.3	38.8	85.1	54.2
16	<i>38.1</i>	<i>32.3</i>	<i>60.4</i>	<i>37.7</i>	<i>33.5</i>	<i>33.5</i>	<i>20.7</i>	<i>18.3</i>	<i>25.2</i>	<i>40.5</i>	<i>81.5</i>	<i>62.5</i>
17	40,652	37,058	84,701	39,804	45,404	29,863	71,286	30,262	90,226	80,286	105,058	90,610
18	<i>24,835</i>	<i>15,115</i>	<i>50,492</i>	<i>24,629</i>	<i>23,622</i>	<i>11,076</i>	<i>35,396</i>	<i>14,962</i>	<i>51,230</i>	<i>49,393</i>	<i>82,837</i>	<i>71,243</i>
19	605,440	408,064	2,903,374	925,232	472,108	301,450	624,812	267,616	2,378,019	1,155,940	4,424,076	2,875,440
20	742	467	945	671	600	355	901	458	933	1,213	1,495	1,574
21	<i>11</i>	<i>6</i>	<i>131</i>	<i>8</i>	<i>5</i>	<i>7</i>	<i>16</i>	<i>32</i>	<i>17</i>	<i>21</i>	<i>217</i>	<i>47</i>
22	71	9	438	15	58	43	228	42	113	268	971	409
23	<i>62</i>	<i>55</i>	<i>129</i>	<i>124</i>	<i>17</i>	<i>3</i>	<i>30</i>	<i>25</i>	<i>30</i>	<i>75</i>	<i>65</i>	<i>172</i>
24	885	535	1,503	948	730	404	486	549	1,075	1,483	823	2,076
25	<i>1</i>	<i>1</i>	<i>23</i>	<i>1</i>	<i>3</i>	<i>2</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>10</i>	<i>10</i>
26	.....	1	77	169	7	2	680	8	11	91	1,925	116
27	2	1	7	0	1	1	0	1	40	11	.....	7
28	<i>8</i>	<i>5</i>	<i>2</i>	<i>3</i>	<i>5</i>	<i>2</i>	<i>3</i>	<i>18</i>	<i>12</i>	<i>8</i>	<i>8</i>	<i>2</i>
29	202	148	4,714	4,533	160	254	2,015	80	5,701	3,765	.....	619
30	90	8	1,943	2,871	30	69	1,213	40	3,801	1,152	.....	370
31	3,000	4,000	436,000	65,850	2,500	1,600	46,400	1,500	274,150	109,200	.....	17,525
32	1,256	1,395	1,281	1,145	1,252	988	1,586	1,554	2,633	1,803	311	1,514
33	<i>217</i>	<i>101</i>	<i>311</i>	<i>210</i>	<i>144</i>	<i>74</i>	<i>723</i>	<i>187</i>	<i>911</i>	<i>563</i>	<i>137</i>	<i>322</i>
34	23	9	35	21	7	4	11	16	23	101	33	19
35	147	75	224	100	100	48	558	118	710	307	106	214
36	160,998	120,630	710,075	310,515	125,317	50,688	681,757	103,335	2,100,420	530,706	280,011	317,206
37	<i>45,000</i>	<i>29,469</i>	<i>137,253</i>	<i>79,922</i>	<i>39,308</i>	<i>13,127</i>	<i>183,538</i>	<i>27,081</i>	<i>557,232</i>	<i>157,277</i>	<i>81,631</i>	<i>97,037</i>
38	28.0	24.4	19.1	25.7	20.0	25.9	26.9	20.3	25.8	29.1	29.2	30.6

¹ No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	5,309	3,358	6,853	4,206	4,544	2,575	7,355	4,642	8,246	7,541	4,213	6,508
2	5,130	3,343	6,578	3,779	4,502	2,572	5,026	4,630	7,758	7,308	4,055	6,341
3	1,091,621	844,414	1,944,722	955,891	981,825	576,364	1,178,757	1,048,410	2,614,730	1,810,963	720,071	1,022,769
4	3,602	32,197	238,385	11,194	1,800	257	27,116	1,813	61,302	18,092	3,410	13,964
5	.....	.....	1,600	.....	.....	.....	702	.....	7,000	15	.....	3
6	150	800	.....	2,118	100	.....	.....	.....	22,802	.....	303	165
7	420,438	320,052	644,657	386,096	395,942	199,396	491,980	417,722	756,957	731,001	264,933	718,180
8	<i>32,050</i>	<i>24,557</i>	<i>223,008</i>	<i>33,298</i>	<i>10,078</i>	<i>6,403</i>	<i>61,572</i>	<i>5,317</i>	<i>145,130</i>	<i>102,749</i>	<i>20,349</i>	<i>68,254</i>
9	.....	.....	175	.....	.....	.....	.....	.....	2,885	78	.....	40
10	.....	.....	125	.....	.....	.....	.....	.....	1,305	.....	.....	40
11	75,876	49,789	185,226	80,729	57,969	33,832	116,032	63,552	175,673	138,331	64,922	127,409
12	<i>7,224</i>	<i>8,158</i>	<i>95,238</i>	<i>9,240</i>	<i>3,407</i>	<i>1,254</i>	<i>21,550</i>	<i>1,286</i>	<i>53,405</i>	<i>23,602</i>	<i>6,657</i>	<i>13,835</i>
13	109,789	78,930	148,018	102,577	99,289	69,438	145,882	81,028	294,743	192,398	123,828	194,975
14	<i>31,416</i>	<i>22,524</i>	<i>39,640</i>	<i>14,045</i>	<i>33,981</i>	<i>19,194</i>	<i>28,731</i>	<i>24,048</i>	<i>96,766</i>	<i>50,470</i>	<i>12,703</i>	<i>51,514</i>
15	313,026	263,497	492,364	288,229	374,594	100,364	331,911	297,360	1,034,403	466,899	169,204	462,637
16	120,074	150,882	268,587	68,470	225,130	84,421	93,209	166,374	713,139	213,948	27,326	170,595
17	<i>71,169</i>	<i>63,616</i>	<i>124,047</i>	<i>63,667</i>	<i>70,167</i>	<i>32,439</i>	<i>92,008</i>	<i>54,865</i>	<i>263,186</i>	<i>121,711</i>	<i>67,363</i>	<i>115,803</i>
18	<i>25,548</i>	<i>27,302</i>	<i>47,810</i>	<i>13,519</i>	<i>42,245</i>	<i>14,726</i>	<i>23,339</i>	<i>20,552</i>	<i>152,959</i>	<i>46,407</i>	<i>9,328</i>	<i>38,908</i>
19	9,922	10,777	6,550	20,005	8,411	5,206	19,649	13,041	12,721	12,489	3,785	29,372
20	<i>118</i>	<i>241</i>	<i>80</i>	<i>331</i>	<i>335</i>	<i>236</i>	<i>635</i>	<i>467</i>	<i>341</i>	<i>239</i>	<i>71</i>	<i>338</i>
21	1,462	1,305	980	2,534	1,248	735	2,579	1,536	1,832	1,600	478	3,886
22	304	885	93	622	2,689	1,071	1,108	1,187	2,137	1,255	180	931
23	<i>81</i>	<i>7</i>	<i>10</i>	<i>22</i>	<i>308</i>	<i>7</i>	<i>1</i>	<i>10</i>	<i>263</i>	<i>5</i>	<i>8</i>	<i>780</i>
24	323	837	88	336	2,237	762	700	1,045	2,741	934	.....	.....
25	1,081	1,714	2,163	942	1,136	886	1,219	2,333	1,589	2,160	472	3,303
26	<i>6,693</i>	<i>5,702</i>	<i>6,149</i>	<i>5,270</i>	<i>6,602</i>	<i>4,325</i>	<i>5,577</i>	<i>5,916</i>	<i>11,895</i>	<i>9,722</i>	<i>2,501</i>	<i>7,440</i>
27	629	724	537	421	1,114	431	337	750	2,329	1,178	279	1,369
28	9,599	9,969	9,509	10,473	13,595	10,581	16,781	10,882	37,303	18,041	9,274	20,182
29	<i>136</i>	<i>703</i>	<i>74</i>	<i>329</i>	<i>2,223</i>	<i>1,265</i>	<i>863</i>	<i>1,040</i>	<i>1,748</i>	<i>1,726</i>	<i>130</i>	<i>371</i>
30	143,952	157,299	159,426	110,684	260,289	125,253	88,935	153,371	653,336	271,451	75,509	201,491
31	<i>109,972</i>	<i>75,917</i>	<i>128,952</i>	<i>90,988</i>	<i>87,689</i>	<i>65,529</i>	<i>140,484</i>	<i>106,083</i>	<i>191,990</i>	<i>138,664</i>	<i>96,356</i>	<i>178,127</i>

AGRICULTURE—ARKANSAS.

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND

		THE STATE.	Arkansas.	Ashley.	Baxter.	Benton.	Boone.	Bradley.	Calhoun.	
VALUE OF ALL CROPS										
1	Total.....	dollars.....	119,419,025	1,566,369	2,066,967	710,250	1,685,546	810,796	665,209	727,782
2	Cereals.....	dollars.....	31,262,922	909,700	415,598	261,352	795,496	432,845	186,839	191,001
3	Other grains and seeds.....	dollars.....	572,194	4,972	14,615	1,900	4,392	2,471	9,655	25,608
4	Hay and forage.....	dollars.....	4,837,139	158,604	30,523	56,506	254,735	98,093	16,732	11,162
5	Vegetables.....	dollars.....	7,643,102	88,144	159,886	48,148	139,046	67,459	69,111	79,796
6	Fruits and nuts.....	dollars.....	3,744,613	25,017	22,657	20,599	339,787	54,220	27,804	23,647
7	All other crops.....	dollars.....	71,309,055	379,932	1,423,718	316,085	162,090	155,699	355,068	396,578
SELECTED CROPS (acres and quantity)										
Cereals:										
8	Total.....	acres.....	2,564,898	39,785	30,023	21,445	83,231	47,097	16,518	15,896
9	Corn.....	bushels.....	42,655,839	1,156,401	430,865	357,394	1,291,274	646,187	210,496	204,391
10	acres.....		2,277,116	15,265	29,070	17,514	62,615	32,342	15,104	15,212
11	Oats.....	bushels.....	37,609,544	178,009	418,540	300,702	923,238	452,833	195,230	197,310
12	acres.....		197,449	9,074	948	2,381	14,459	9,275	1,413	684
13	Wheat.....	bushels.....	3,212,891	281,040	12,265	46,472	309,193	150,499	15,246	7,075
14	acres.....		60,420	10	5	1,536	5,873	5,382		
15	bushels.....		320,414	127	00	10,072	56,498	42,075		
16	Rye.....	acres.....	1,680			13	193	64	1	
17	bushels.....		7,854			68	1,160	351	20	
18	Kafir corn and milo maize.....	acres.....	1,264	2		1	61	33		
19	bushels.....		15,284			20	687	404		
20	Rice.....	acres.....	27,419	14,814						
21	bushels.....		1,282,830	696,599						
Other grains:										
22	Dry peas.....	acres.....	52,730	439	811	152	542	365	711	2,075
23	bushels.....		229,444	2,251	4,546	910	1,048	1,042	2,590	12,240
24	Peanuts.....	acres.....	10,192	12	123	5	16	18	211	465
25	bushels.....		108,608	249	3,001	93	146	167	4,186	7,330
Hay and forage:										
26	Total.....	acres.....	435,915	23,665	2,579	4,635	25,673	9,092	1,207	1,399
27	tons.....		461,817	23,927	3,015	5,181	26,406	8,788	1,272	915
28	All tame or cultivated grasses.....	acres.....	189,537	163	322	3,072	19,861	6,880	80	768
29	tons.....		214,004	215	426	3,646	20,845	6,575	63	395
30	Timothy alone.....	acres.....	36,904	20	9	1,354	5,303	1,810		
31	tons.....		85,113	40	3	1,389	5,487	1,817		
32	Timothy and clover mixed.....	acres.....	69,855		1	700	10,003	3,076	5	
33	tons.....		72,190		3	587	10,444	3,283	2	
34	Clover alone.....	acres.....	17,004		67	83	2,265	629	22	4
35	tons.....		18,369		85	67	2,560	600	11	3
36	Alfalfa.....	acres.....	15,929	7		446	392	241		2
37	tons.....		33,231	6		907	523	357		3
38	Wild, salt, or prairie grasses.....	acres.....	112,741	22,023	1,800	33	2,673	120	418	74
39	tons.....		119,873	22,300	1,406	37	2,536	134	502	95
40	Grains cut green.....	acres.....	106,589	1,419	872	960	1,900	1,172	583	528
41	tons.....		96,940	1,337	1,040	605	1,717	948	517	381
42	Coarse forage.....	acres.....	27,038	60	85	570	1,333	911	117	20
43	tons.....		30,957	75	143	833	1,308	1,131	100	44
Special crops:										
44	Potatoes.....	acres.....	20,710	451	377	204	844	333	213	239
45	bushels.....		2,096,893	43,937	24,764	15,704	53,521	23,693	15,749	18,406
46	Sweet potatoes and yams.....	acres.....	22,388	103	672	42	184	88	434	476
47	bushels.....		1,685,308	7,972	64,532	3,347	7,948	6,290	20,014	44,704
48	All other vegetables.....	acres.....	60,251	494	828	419	2,102	695	378	397
49	Cotton.....	acres.....	2,153,222	15,206	44,024	8,484		1,456	12,942	12,135
50	bales.....		776,879	3,569	15,081	3,138		446	3,701	3,480
51	Cane, sugar.....	acres.....	3,330		362				108	50
52	tons.....		19,868		3,023				267	189
53	Sirup (made).....	gallons.....	280,637		29,878				6,540	4,281
54	Cane, sorghum.....	acres.....	33,071	175	246	363	660	438	429	471
55	tons.....		93,123	391	1,074	779	1,435	689	1,077	1,094
56	gallons.....		1,140,532	3,894	9,234	11,107	16,286	7,480	15,688	20,514
FRUITS AND NUTS										
57	Orchard fruits:									
58	Total.....	trees.....	15,531,761	29,311	41,055	97,337	3,031,800	410,118	45,525	72,102
59	bushels.....		4,437,917	23,515	23,461	39,823	491,692	85,387	27,480	30,266
60	Apples.....	trees.....	7,650,103	7,442	5,066	41,500	2,466,870	233,102	10,075	5,783
61	bushels.....		2,266,043	8,640	3,591	10,043	478,053	46,001	5,057	5,814
62	Peaches and nectarines.....	trees.....	6,859,982	13,112	46,270	536,208	161,398	28,794	53,723	58,723
63	bushels.....		1,901,647	10,637	13,195	27,350	9,650	36,403	19,485	18,689
64	Pears.....	trees.....	221,764	1,432	842	938	16,018	3,128	1,312	724
65	bushels.....		37,547	540	826	352	1,139	133	576	406
66	Plums and prunes.....	trees.....	731,276	7,238	10,592	6,688	8,808	10,300	5,166	6,822
67	bushels.....		194,649	3,351	5,776	1,807	2,497	2,143	2,268	5,467
68	Cherries.....	trees.....	60,046	44	44	1,774	4,449	2,174	118	31
	bushels.....		5,993	15	9	202	201	46	86	10
69	Grapes.....	vines.....	805,921	4,388	740	2,723	15,599	3,816	2,081	878
70	pounds.....		2,693,727	21,695	9,525	10,541	40,951	22,671	25,890	18,213
71	Tropical fruits:									
72	Total.....	trees.....	4,271	38	338	1	7		127	45
73	Figs.....	trees.....	4,174	38	335	1	7		127	45
	pounds.....		80,707	504	5,916				3,054	875
74	Small fruits:									
75	Total.....	acres.....	8,032	33	4	16	1,399	42	4	4
76	quarts.....		8,965,572	34,110	6,950	14,956	1,507,118	46,175	3,683	1,730
77	Strawberries.....	acres.....	7,361	32	2	5	1,220	27	2	4
	quarts.....		8,269,240	33,410	2,938	5,077	1,318,505	33,055	1,639	1,730
78	Nuts:									
79	Total.....	trees.....	25,805	97	156	368	917	1,030	874	104
80	pounds.....		787,854	3,527	10,382	10,812	39,596	700	2,355	9,585
81	Pecans.....	trees.....	13,958	90	72	206	238		755	4
	pounds.....		246,955	2,627	1,462	332	96		555	

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....		70,638	747	903	514	1,534	714	471	411
2	Farms reporting.....									
3	Cash expended.....	dollars.....	6,304,169	177,925	80,406	22,175	169,884	37,475	27,402	18,761
4	Rent and board furnished.....	dollars.....	1,350,402	37,822	19,968	3,760	21,747	7,861	10,625	5,232
5	Fertilizer.....									
6	Farms reporting.....	dollars.....	22,113	79	686	10	220	22	690	627
7	Amount expended.....	dollars.....	506,553	2,280	18,360	155	6,250	419	19,618	16,879
8	Feed.....									
9	Farms reporting.....	dollars.....	73,098	769	1,223	417	1,933	663	676	617
10	Amount expended.....	dollars.....	4,275,587	80,577	72,051	15,750	123,145	36,249	28,849	22,650
11	Receipts from sale of feedable crops.....	dollars.....	2,700,067	98,510	12,564	31,830	87,348	48,262	6,913	28,431

AGRICULTURE—ARKANSAS.

ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909.

	Carroll.	Chicot.	Clark.	Clay.	Cleburne.	Cleveland.	Columbia.	Conway.	Craighead.	Crawford.	Crittenden.	Cross.	Dallas.
1	807,590	2,424,728	1,267,651	2,179,762	719,105	812,945	2,003,710	2,246,410	2,047,489	1,841,825	3,196,611	1,121,760	694,074
2	412,221	239,323	410,456	671,058	277,517	173,600	445,301	464,430	555,211	413,954	343,560	235,698	174,225
3	1,154	1,095	10,622	3,563	2,700	9,332	32,300	5,628	2,009	3,330	4,344	1,236	12,489
4	140,388	41,236	59,573	168,541	25,436	16,771	15,061	61,400	157,623	65,256	27,333	32,701	10,767
5	71,461	76,087	97,906	106,043	61,574	85,736	151,452	113,869	123,400	122,884	105,477	72,898	62,229
6	53,729	14,580	25,059	75,806	26,239	30,638	14,019	74,909	44,516	348,584	17,151	15,357	17,765
7	128,637	2,052,407	646,035	1,154,751	325,639	496,868	1,343,937	1,526,174	1,164,670	897,817	2,698,716	763,820	410,599
8	49,957	15,159	33,492	42,042	24,489	18,821	43,152	44,463	42,157	34,184	18,659	16,541	17,364
9	581,013	256,267	556,390	1,130,818	305,899	225,063	536,631	602,316	840,494	607,033	395,705	298,506	215,470
10	35,102	15,118	32,502	40,361	21,654	18,375	41,883	39,970	40,499	32,370	18,351	16,281	16,804
11	384,958	255,709	541,887	1,102,092	278,768	221,936	523,738	564,984	818,872	583,364	388,545	290,089	210,278
12	8,327	39	986	1,022	2,547	446	1,269	3,589	1,332	1,762	306	178	500
13	137,857	508	14,458	20,748	25,793	4,122	12,893	33,350	18,853	23,189	7,136	2,839	5,188
14	6,310			650	216			820	322	18		32	
15	56,808			7,908	818			3,428	2,699	185		204	
16	98			7	28			14	3	19			
17	607			10	109			94	30	125			
18	119	2	4		44			64	1	14		4	
19	773	40	45		411	5		450	40	162		10	4
20											2		
21											25	3,304	
22	179	67	1,471	198	207	521	3,776	610	104	443	130	68	694
23	526	294	6,287	1,615	1,249	2,535	14,938	2,067	638	1,213	1,587	452	5,510
24	4	8	480	7	10	207	698	47	10	33	10	8	212
25	42	246	7,557	164	381	4,280	11,897	704	402	611	259	346	3,015
26	12,782	3,500	4,489	12,351	2,182	1,810	1,142	4,123	12,816	3,871	701	2,613	1,613
27	12,912	3,555	5,196	12,972	1,645	1,634	1,099	5,022	12,183	5,340	1,845	2,801	1,487
28	10,399	2,086	2,005	8,821	700	168	60	1,311	5,671	1,691	275	795	184
29	10,410	2,127	2,547	9,249	693	162	70	2,685	5,051	2,942	826	875	165
30	1,041	22	32	2,620	101	2	3	52	3,023	133	8	149	
31	856	17	54	2,822	106	1	2	56	2,407	151	9	129	
32	7,494	12	242	4,055	71			23	1,074	332	17	437	
33	7,299	24	332	4,280	90			32	1,242	400	47	535	1
34	593	106	672	1,407	37	61		6	549	94	27	115	2
35	639	182	720	1,348	31	50		3	575	126	46	106	1
36	567	110	461	59	10	1		820	19	610	206	35	2
37	958	263	586	168	11	2		2,192	22	1,602	688	55	584
38	137	803	1,639	188	4	646	129	558	416	719	4	24	631
39	127	703	1,725	165	5	885	125	538	402	1,078	4	24	631
40	1,482	592	623	3,326	1,122	309	808	1,672	6,611	913	308	1,651	734
41	1,380	709	672	3,540	683	354	797	1,219	6,576	875	937	1,465	535
42	704	19	222	16	350	187	85	582	112	348	28	293	111
43	995	26	252	28	289	233	107	580	125	445	74	237	156
44	481	134	303	396	288	366	114	562	890	758	195	204	122
45	20,109	6,984	22,284	40,234	21,101	24,542	9,692	40,388	33,912	40,492	11,018	16,297	10,661
46	58	164	509	96	97	661	869	269	266	113	258	162	454
47	2,830	15,897	35,823	12,016	5,395	41,597	87,640	15,154	23,168	5,121	18,006	14,256	35,598
48	1,288	756	700	687	546	590	967	937	760	1,490	683	294	284
49	14	49,684	21,571	23,556	10,189	10,184	53,423	55,951	20,624	28,609	64,024	20,894	10,447
50	3	22,561	7,052	12,520	2,655	5,698	15,686	18,156	11,282	6,950	32,186	8,898	3,156
51		34	296			46	359						95
52		1,170				216	2,110						143
53		2,477	20,918			4,241	48,576						2,058
54	540	24	621	268	473	379	419	636	283	405	173	174	301
55	986	81	2,428	908	1,080	1,288	2,033	1,562	800	1,010	685	517	1,236
56	8,902	997	26,881	21,728	5,115	15,301	23,484	18,493	16,622	10,497	8,774	10,431	14,167
57	335,317	8,352	118,773	122,056	91,534	65,444	136,260	192,856	92,382	788,996	6,204	40,259	46,794
58	83,108	9,624	25,311	116,791	32,730	35,669	24,959	86,025	59,029	154,180	14,485	17,595	23,900
59	225,686	1,092	23,792	81,847	37,886	10,305	17,541	95,673	30,321	160,720	1,105	24,192	10,327
60	58,513	821	9,125	56,683	15,526	5,113	3,364	31,223	24,247	25,810	2,790	11,320	6,864
61	95,100	4,820	50,092	72,459	45,296	38,648	102,736	74,833	36,920	603,083	3,637	12,291	29,374
62	20,441	0,794	13,645	53,295	10,004	23,992	18,944	49,214	23,813	122,754	9,014	4,484	16,837
63	2,129	456	3,134	2,398	879	1,240	10,751	6,104	2,614	5,533	522	1,262	595
64	515	361	399	1,754	72	605	625	620	661	1,643	1,132	2,307	5,039
65	10,629	1,927	41,703	14,344	5,849	15,152	5,075	11,525	21,865	11,428	2,058	1,360	797
66	3,351	1,019	2,090	4,841	1,066	5,005	2,088	4,208	10,166	3,838	2,058	1,360	105
67	1,680	24	90	1,006	1,330	70	73	1,560	491	4,580	22	18	2
68	270	22	7	190	90	29	3	592	101	185	31	19	
69	5,351	104	5,942	3,128	12,059	1,215	2,143	45,850	6,338	3,710		1,388	843
70	10,722	1,345	7,850	30,300	37,185	11,840	7,377	109,711	26,119	8,445	4,256	3,445	3,233
71		355	123		2	62	84	14		5	4	3	46
72		352	122		1	53	84	14		4	4	3	40
73		4,301	1,755			1,423	727	685		60	70	25	994
74	83	2	4	22	7	4	1	130	289	2,113	5		14
75	76,893	1,084	3,972	22,768	8,530	3,789	385	128,948	46,425	2,642,929	6,943	550	11,787
76	59	1	3	21	6	4	1	129	271	2,082	5		13
77	53,141	456	3,210	21,539	7,088	3,457	155	127,214	36,054	2,614,184	6,023	150	11,722
78	3	666	219	6	51	150	274	625	110	120	57	66	32
79		41,987	3,134	181	550	10,282	1,454	41,436	1,105	2,954	3,940	810	850
80		3	205	1	2	10	226	49	6	42	41	55	9
81		38,357	1,064	1		386	750	2,814		394	3,740	800	40

AND RECEIPTS, BY COUNTIES: 1909.

1	509	1,636	752	983	514	551	1,029	1,020	1,085	1,290	1,903	675	357
2	31,365	181,085	30,408	113,311	10,954	23,761	59,601	112,923	87,742	177,200	180,926	64,945	16,474
3	8,043	124,854	6,025	24,137	3,782	7,498	13,494	14,152	37,604	9,098	42,600	11,730	4,559
4	66	7	360	1	686	804	1,726	344	38	166	9	12	555
5	774	614	8,718	70	11,481	25,047	75,395	6,288	894	3,606	52	269	16,133
6	824	1,397	900	785	854	813	1,060	1,569	722	1,278	1,535	483	345
7	53,237	165,074	39,608	32,069	23,413	30,315	40,460	70,818	34,825	73,879	123,473	35,538	12,755
8	40,660	15,306	24,945	69,981	26,126	3,352	8,315	52,035	105,989	28,892	9,736	15,414	4,135

AGRICULTURE—ARKANSAS.

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND

		Desha.	Drew.	Faulkner.	Franklin.	Fulton.	Garland.	Grant.	Greene.	Hempstead.	
VALUE OF ALL CROPS											
1	Total.....	dollars.....	1,408,124	1,513,231	2,068,121	1,757,508	850,210	627,759	680,302	1,010,949	2,095,510
2	Cereals.....	dollars.....	181,850	342,380	406,007	510,098	330,713	221,627	174,801	600,099	605,153
3	Other grains and seeds.....	dollars.....	441	8,520	10,400	6,373	3,088	6,315	10,726	1,024	37,371
4	Hay and forage.....	dollars.....	16,058	30,881	66,343	71,757	102,953	20,104	24,205	137,900	93,215
5	Vegetables.....	dollars.....	34,322	115,884	135,374	104,250	53,743	147,001	77,794	153,304	145,159
6	Fruits and nuts.....	dollars.....	6,044	38,883	46,105	113,114	31,123	17,649	18,867	50,130	45,203
7	All other crops.....	dollars.....	1,108,503	969,674	1,313,142	942,016	328,580	208,063	372,990	970,892	1,109,390
SELECTED CROPS (acres and quantity)											
8	Cereals:										
9	Total.....	acres.....	11,443	30,520	48,194	44,711	32,426	20,232	15,824	44,976	52,476
10	Corn.....	bushels.....	193,969	376,636	639,352	685,902	510,743	278,624	211,950	1,020,276	835,544
11	Oats.....	bushels.....	102,286	360,354	581,661	638,818	482,928	247,001	206,206	944,343	808,159
12	Wheat.....	bushels.....	1,013	14,519	56,928	46,223	19,562	29,786	5,448	30,011	24,493
13	Rye.....	bushels.....	78	114	88	88	1,350	135	16	1,844	119
14	Kafir corn and milo maize.....	acres.....	1,533	589	505	7,703	1,399	120	36,088	1,043	
15	Rice.....	acres.....	10	15	7	34	23	12	4	4	
16	Dry peas.....	bushels.....	20	447	606	898	253	614	570	108	
17	Peanuts.....	acres.....	85	2,389	2,823	2,625	1,638	3,056	2,558	533	
18	Hay and forage.....	bushels.....	9	125	241	61	7	33	289	11	
19	Total.....	bushels.....	124	2,338	4,705	1,148	197	635	5,453	396	
20	Other grains:										
21	Total.....	acres.....	701	4,817	6,619	9,157	10,492	2,282	2,271	12,411	6,269
22	All tame or cultivated grasses.....	tons.....	1,045	4,391	7,110	10,272	10,169	2,496	2,230	11,102	8,240
23	Timothy alone.....	acres.....	193	624	922	3,784	8,551	7,732	3,390	7,101	2,828
24	Timothy and clover mixed.....	acres.....	448	909	1,201	3,943	7,896	829	273	6,432	4,717
25	Clover alone.....	acres.....	21	36	21	36	2,870	57	57	2,453	69
26	Alfalfa.....	acres.....	15	22	39	72	2,071	55	21	2,144	81
27	Wild, salt, or prairie grasses.....	acres.....	11	38	72	3,663	149	21	1,797	40	
28	Grains out green.....	acres.....	7	8	16	16	3,425	149	22	1,637	62
29	Coarse forage.....	acres.....	278	223	1	16	197	239	10	1,517	53
30	Alfalfa.....	acres.....	6	244	1	16	197	239	10	1,437	46
31	Wild, salt, or prairie grasses.....	acres.....	80	46	10	46	459	45	39	1,278	39
32	Grains out green.....	acres.....	121	2,725	3,791	4,780	194	125	922	35	
33	Coarse forage.....	acres.....	116	2,629	4,194	5,038	157	153	908	68	
34	Special crops.....	acres.....	381	948	1,362	412	956	960	820	5,210	2,216
35	Potatoes.....	acres.....	461	909	1,104	330	807	774	826	4,597	2,617
36	Sweet potatoes and yams.....	acres.....	0	520	544	172	761	421	109	32	
37	All other vegetables.....	acres.....	20	244	611	361	1,309	740	133	30	
38	Cotton.....	acres.....	34	320	547	655	213	451	281	503	
39	Cane, sugar.....	bushels.....	2,597	23,465	40,094	48,644	10,261	32,197	22,044	45,163	
40	Cane, sorghum.....	acres.....	90	533	317	216	93	550	455	236	
41	Sirup (made).....	acres.....	9,242	44,779	21,884	9,822	6,932	35,649	30,018	24,929	
42	Sirup (made).....	acres.....	300	562	1,162	804	588	904	670	847	
43	Cane, sorghum.....	bales.....	35,830	38,098	49,163	37,331	10,571	4,155	10,489	19,370	
44	Sirup (made).....	acres.....	13,430	10,396	14,925	10,233	3,235	1,298	3,700	9,661	
45	Sirup (made).....	acres.....	84	1,779	.....	.....	.....	.....	.....	.....
46	Sirup (made).....	acres.....	1,786	25,302	.....	.....	.....	.....	.....	.....
47	Sirup (made).....	acres.....	41	280	966	664	647	356	254	365	
48	Sirup (made).....	acres.....	167	897	2,282	2,017	1,073	899	621	1,771	
49	Sirup (made).....	acres.....	2,035	8,619	18,930	17,839	17,147	10,375	8,498	26,851	
50	FRUITS AND NUTS										
51	Orchard fruits:										
52	Total.....	acres.....	5,833	105,987	108,910	252,193	203,232	90,284	58,976	168,285	170,301
53	Apples.....	bushels.....	4,532	43,153	79,877	118,203	50,212	10,664	22,697	74,015	52,049
54	Peaches and nectarines.....	acres.....	509	8,521	30,958	73,703	53,813	27,725	19,338	110,364	13,766
55	Pears.....	bushels.....	607	5,840	25,091	36,244	31,978	6,891	11,420	36,859	9,716
56	Plums and prunes.....	acres.....	4,516	76,931	67,373	108,053	138,145	41,680	30,647	42,693	149,798
57	Cherries.....	bushels.....	3,076	30,969	49,749	78,526	2,518	9,923	20,630	39,009	39,009
58	Grapes.....	acres.....	187	1,413	631	1,030	2,751	9,697	2,144	2,595	2,681
59	Tropical fruits.....	bushels.....	281	770	185	310	622	369	108	723	807
60	Small fruits.....	acres.....	543	18,807	8,898	7,404	7,063	11,016	5,983	11,995	3,764
61	Nuts.....	bushels.....	493	5,509	4,513	2,766	2,855	870	1,220	6,645	1,574
62	Pecans.....	acres.....	1	15	915	1,701	822	163	84	540	153
63	Walnuts.....	bushels.....	1	15	262	300	52	8	132	27	
64	Grapes.....	vines.....	31	934	20,167	80,048	1,486	4,407	2,375	5,462	1,380
65	Tropical fruits.....	pounds.....	700	9,284	33,162	628,125	4,726	3,516	13,175	56,653	10,190
66	Figs.....	acres.....	41	457	41	46	1	4	11	3	
67	Small fruits.....	acres.....	41	457	40	44	1	4	11	3	
68	Total.....	pounds.....	892	11,668	400	206	30	21	560	60	
69	Strawberries.....	acres.....	2	6	4	39	30	55	1	32	
70	Nuts.....	acres.....	6,008	5,756	4,382	38,538	28,805	58,789	1,204	30,716	
71	Pecans.....	acres.....	2	6	3	35	24	40	1	26	
72	Walnuts.....	acres.....	0,008	5,537	2,984	34,206	21,657	48,043	894	24,329	
73	Total.....	acres.....	151	332	151	15	.....	287	99	7	
74	Pecans.....	pounds.....	11,284	7,770	6,565	502	.....	365	3,975	100	
75	Walnuts.....	acres.....	112	271	85	4	.....	274	67	2	
76	Total.....	pounds.....	9,239	3,770	3,440	2	.....	5	240	100	
77	Pecans.....	pounds.....	11,284	7,770	6,565	502	.....	365	3,975	100	
78	Walnuts.....	acres.....	112	271	85	4	.....	274	67	2	
79	Total.....	pounds.....	9,239	3,770	3,440	2	.....	5	240	100	

TABLE 5.—SELECTED FARM EXPENSES

		Desha.	Drew.	Faulkner.	Franklin.	Fulton.	Garland.	Grant.	Greene.	Hempstead.
1	Labor.....	Farms reporting.....	1,156	1,106	1,157	1,161	604	411	705	1,263
2	Cash expended.....	dollars.....	195,216	81,502	48,021	61,300	25,809	79,497	40,435	94,734
3	Rent and board furnished.....	dollars.....	9,964	20,437	19,111	11,164	6,511	22,329	3,123	22,414
4	Fertilizer.....	Farms reporting.....	7	684	656	.....	.....	.....	.....	.....
5	Amount expended.....	dollars.....	643	15,360	13,044	9,974	243	5,969	16,598	10,391
6	Feed.....	Farms reporting.....	1,338	1,277	1,471	1,203	526	703	640	1,462
7	Amount expended.....	dollars.....	229,634	73,818	48,717	41,246	18,488	113,029	23,930	63,048
8	Receipts from sale of feedable crops.....	dollars.....	13,056	9,567	25,881	62,406	50,368	13,839	6,675	73,244

ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

	Hot Spring.	Howard.	Independence.	Izard.	Jackson.	Jefferson.	Johnson.	Lafayette.	Lawrence.	Lee.	Lincoln.	Little River.	Logan.	Lonoke.
1	938,115	1,247,002	2,069,198	982,695	2,811,014	4,734,479	1,551,496	821,161	1,811,223	3,537,738	1,806,530	867,691	2,232,662	2,008,393
2	336,961	390,639	685,630	336,135	557,824	411,155	492,834	248,357	482,700	591,553	301,745	202,217	734,002	709,833
3	6,553	9,235	4,230	4,227	3,486	4,441	4,121	12,668	2,623	6,776	3,938	7,709	5,641	4,429
4	29,979	34,908	118,708	51,912	97,221	53,747	72,421	25,645	96,610	51,903	16,882	29,598	86,765	64,815
5	130,881	95,086	115,577	68,219	102,813	82,628	94,482	90,977	95,228	108,973	71,023	48,838	128,122	81,562
6	28,500	22,434	64,772	19,295	27,132	25,550	88,930	16,536	25,569	22,535	17,990	6,810	53,142	37,115
7	400,241	694,010	1,080,272	452,807	2,022,538	4,156,958	798,702	426,978	1,108,403	2,665,990	1,395,452	812,474	1,224,900	2,010,589
8	24,463	36,834	53,665	37,179	32,215	23,015	40,196	23,671	35,217	31,097	21,176	25,296	59,765	40,510
9	462,474	614,769	1,055,655	588,764	699,823	495,353	666,978	340,463	817,563	653,700	313,943	452,367	1,012,733	826,370
10	23,167	35,398	47,582	32,929	31,885	27,720	37,454	23,151	29,224	29,671	24,912	54,194	33,794	33,794
11	442,852	590,719	1,001,070	551,141	694,903	486,427	632,800	335,050	806,473	591,915	303,821	448,038	946,300	521,032
12	1,214	1,414	3,124	2,168	2,287	254	2,595	409	409	394	394	354	4,276	1,176
13	17,904	14,890	34,041	26,515	4,406	5,206	32,972	5,028	7,176	7,055	5,022	3,969	56,528	19,397
14	2	3	2,933	2,065	39	4	102	27	319	29	2	300	0,481	.....
15	18	44	20,431	11,040	414	4	809	228	3,799	355	50	2	1,253	.....
16	.....	.....	26	11	4	.....	27	.....	4	.....	2	.....	107	.....
17	.....	.....	113	38	40	.....	10	.....	6	.....	10	.....	18	.....
18	.....	.....	19	4	.....	.....	10	.....	12	.....	1	.....	30	.....
19	.....	.....	116	20	.....	.....	121	.....	60	.....	100	.....	245	.....
20	80	.....	.....	.....	.....	.....	41	.....	.....	1,450	.....	.....	.....	5,540
21	1,700	.....	.....	.....	.....	.....	3,660	.....	.....	54,375	5,000	.....	.....	285,941
22	346	664	355	471	205	108	607	686	293	367	127	861	507	384
23	2,110	4,294	1,920	2,281	1,678	1,425	1,463	4,059	1,043	2,597	1,106	3,226	2,020	1,714
24	114	142	21	6	2	58	399	52	23	21	89	77	60	106
25	2,467	2,565	419	185	62	1,021	881	5,322	340	546	1,308	1,248	1,227	1,624
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	2,248	2,577	8,449	3,520	6,329	2,567	6,698	1,923	7,908	3,077	1,431	1,832	8,065	10,256
28	2,306	3,424	10,122	4,364	7,022	4,320	7,051	2,072	7,718	3,829	1,587	2,612	9,232	10,286
29	476	1,225	4,080	2,415	1,640	898	2,176	440	4,078	615	79	853	2,101	135
30	576	2,079	7,604	3,001	2,154	1,355	2,721	482	4,167	987	92	1,140	3,348	163
31	3	.....	766	724	444	.....	52	.....	1,486	49	.....	.....	35	10
32	3	1	829	783	438	.....	67	.....	1,332	71	.....	.....	102	61
33	11	1	579	357	300	.....	118	.....	776	34	.....	.....	125	58
34	15	1	621	345	308	.....	117	.....	719	51	.....	.....	72	12
35	101	43	531	70	156	.....	49	.....	205	40	.....	.....	19	132
36	119	50	616	86	104	.....	87	.....	262	36	.....	.....	98	27
37	1	529	1,937	230	361	.....	146	.....	138	173	.....	.....	380	1,181
38	1	504	4,035	406	944	.....	354	.....	206	300	.....	.....	176	3,192
39	287	142	179	56	104	.....	674	.....	398	40	.....	.....	871	3,855
40	317	150	237	62	55	.....	1,378	.....	3,127	34	.....	.....	341	2,199
41	1,292	888	2,264	533	4,452	.....	926	.....	1,086	867	2,526	.....	354	1,486
42	1,155	795	1,526	417	4,684	.....	1,473	.....	839	3,157	2,783	.....	195	603
43	193	322	1,026	516	124	.....	69	.....	218	369	.....	.....	129	543
44	258	361	825	834	114	.....	468	.....	375	860	.....	.....	18	176
45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	318	254	583	180	278	.....	174	.....	403	286	328	154	150	655
47	24,847	18,830	47,069	15,171	21,195	.....	13,820	.....	28,795	22,865	22,088	11,039	9,341	52,793
48	443	309	221	100	128	.....	243	.....	404	143	439	158	191	234
49	32,388	21,474	13,611	8,798	11,550	.....	23,988	.....	32,324	11,897	38,180	13,580	13,447	8,917
50	860	737	1,065	715	641	.....	716	.....	451	751	1,567	519	285	1,144
51	12,270	24,740	36,798	14,737	55,851	110,800	18,003	28,897	68,860	20,236	48,039	60,100
52	4,418	7,138	12,681	4,624	25,408	40,357	4,998	13,275	27,850	15,840	5,616	14,368
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55	426	636	591	566	108	119	309	352	410	8,382	2,735
56	1,609	2,959	1,141	1,098	392	536	1,039	1,104	1,091	180	518	482
57	19,613	28,474	12,124	17,660	5,170	5,115	12,799	16,090	22,654	5,013	23,869	7,352
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70	6,761	1,714	7,572	3,306	3,108	410	58,228	6,145	6,548	2,466	60,059	5,147
71	8,507	4,303	60,078	12,184	15,975	4,220	250,965	9,161	40,350	1,295	160,731	26,562
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AND RECEIPTS, BY COUNTIES: 1909—Continued.

	Hot Spring.	Howard.	Independence.	Izard.	Jackson.	Jefferson.	Johnson.	Lafayette.	Lawrence.	Lee.	Lincoln.	Little River.	Logan.	Lonoke.
1	640	663	1,252	523	1,543	1,926	1,997	500	1,217	1,995	818	498	1,381	1,540
2	26,604	27,600	101,952	23,315	201,896	223,640	73,069	59,573	139,896	170,396	77,403	34,298	82,222	467,465
3	7,095	6,592	11,603	4,108	31,236	15,890	9,916	11,935						

AGRICULTURE—ARKANSAS.

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND

		Madison.	Marion.	Miller.	Mississippi.	Monroe.	Montgomery.	Nevada.	Newton.	Ouachita.
VALUE OF ALL CROPS										
1	Total.....dollars..	926,378	717,754	864,284	4,629,378	1,715,841	854,799	1,398,558	554,798	1,142,523
2	Cereals.....dollars..	479,555	314,524	274,753	808,694	229,934	377,396	399,004	308,759	272,537
3	Other grains and seeds.....dollars..	2,200	970	10,476	1,580	1,862	4,000	40,162	3,093	84,305
4	Hay and forage.....dollars..	112,312	63,879	15,361	102,399	33,082	38,745	36,820	34,311	14,377
5	Vegetables.....dollars..	94,829	59,382	80,859	136,296	107,254	83,990	117,253	63,292	151,877
6	Fruits and nuts.....dollars..	108,050	15,490	11,619	13,231	8,715	22,803	41,894	37,165	45,130
7	All other crops.....dollars..	129,432	263,500	471,216	3,567,178	1,334,994	326,965	763,425	108,178	624,238
SELECTED CROPS (acres and quantity)										
Cereals:										
8	Total.....acres..	56,193	29,113	29,705	34,403	16,496	28,775	39,294	30,104	30,603
9	.....bushels..	692,744	456,838	438,487	1,109,246	273,505	485,759	497,003	409,972	331,004
10	Corn.....acres..	39,385	21,837	28,517	34,356	16,038	26,250	37,500	22,687	29,725
11	.....bushels..	466,401	358,734	422,987	1,108,364	261,137	451,846	470,394	313,570	322,964
12	Oats.....acres..	11,753	5,176	1,052	47	458	1,367	1,755	6,896	877
13	.....bushels..	187,023	86,273	13,560	882	12,368	32,460	17,530	85,805	8,030
14	Wheat.....acres..	4,912	2,044	62			71	6	1,462	
15	.....bushels..	37,224	11,409	570			510	45	10,114	
16	Rye.....acres..	103	23				7	3	85	
17	.....bushels..	808	172				35	28	163	
18	Kafir corn and milo maize.....acres..	26	3	44			79		22	1
19	.....bushels..	271	50	1,350			892		308	10
20	Rice.....acres..									
21	.....bushels..									
Other grains:										
22	Dry peas.....acres..	214	102	661	43	113	571	5,467	207	2,473
23	.....bushels..	542	545	2,694	668	737	2,010	21,000	1,071	15,529
24	Peanuts.....acres..	2	3	374		8	50	679	4	866
25	.....bushels..	27	69	6,065	15		96	8,252	65	12,580
Hay and forage:										
26	Total.....acres..	11,343	3,937	1,380	3,038	3,562	2,893	4,819	3,161	1,440
27	.....tons..	10,706	4,694	1,358	6,745	3,730	3,476	4,222	3,030	1,352
28	All tame or cultivated grasses.....acres..	8,923	2,914	408	2,251	108	1,267	342	1,708	187
29	.....tons..	8,861	3,792	380	5,752	160	1,034	325	1,836	168
30	Timothy alone.....acres..	785	802	1	245	8	59		134	
31	.....tons..	889	673	2	435	5	69		139	
32	Timothy and clover mixed.....acres..	5,988	1,086		328	3	444	5	1,236	
33	.....tons..	5,792	1,137		564	3	499	3	1,201	
34	Clover alone.....acres..	994	204		184	15	57	43	248	
35	.....tons..	1,051	365		274	21	68	31	235	
36	Alfalfa.....acres..	92	732	42	1,405	7	2	18	37	1
37	.....tons..	166	1,507	17	4,337	13	2	63	34	1
38	Wild, salt, or prairie grasses.....acres..	10	35	169		2,183	434	3,277	28	415
39	.....tons..	3	34	217		2,183	500	3,084	6	603
40	Grains cut green.....acres..	856	510	645	774	1,265	652	1,018	483	766
41	.....tons..	681	490	525	969	1,370	581	716	349	522
42	Coarse forage.....acres..	1,554	478	158	13	6	540	182	852	42
43	.....tons..	1,161	378	236	24	17	761	97	830	59
Special crops:										
44	Potatoes.....acres..	686	213	393	377	121	280	230	465	433
45	.....bushels..	35,093	17,895	22,134	28,298	8,602	23,426	10,236	20,771	29,081
46	Sweet potatoes and yams.....acres..	134	74	534	172	150	159	706	189	848
47	.....bushels..	6,322	5,435	30,923	12,121	9,735	10,794	60,319	8,083	67,345
48	All other vegetables.....acres..	1,169	438	753	892	512	660	755	738	761
49	Cotton.....acres..	4	6,711	18,600	67,704	50,817	9,601	32,120	1,657	25,748
50	.....bales..	1	2,426	5,097	42,671	14,984	3,041	8,624	566	6,466
51	Cane, sugar.....acres..			92				38		165
52	.....tons..			646				115		910
53	Sirup (made).....gallons..			9,868				2,296		14,383
54	Cane, sorghum.....acres..	548	606	369	33	136	614	1,058	466	912
55	.....tons..	1,155	1,654	1,111	147	368	1,754	3,152	1,330	2,133
56	Sirup (made).....gallons..	10,132	13,055	12,912	2,375	6,084	21,366	47,350	12,009	33,450
FRUITS AND NUTS										
Orchard fruits:										
57	Total.....trees..	474,801	86,918	58,543	11,643	10,668	88,444	104,588	143,759	181,765
58	.....bushels..	203,043	25,324	12,449	15,167	8,564	25,505	48,716	74,453	50,399
59	Apples.....trees..	397,155	35,299	5,092	4,259	2,363	25,677	16,017	83,095	11,258
60	.....bushels..	168,500	11,473	1,170	5,225	1,914	11,693	9,731	33,330	7,255
61	Peaches and nectarines.....trees..	68,143	40,923	44,404	5,344	6,358	45,420	77,772	54,906	100,012
62	.....bushels..	20,523	11,020	10,340	8,834	5,640	10,857	37,650	35,784	35,884
63	Pears.....trees..	1,066	1,138	2,085	986	360	1,864	3,229	565	4,141
64	.....bushels..	352	80	254	327	186	289	701	155	674
65	Plums and prunes.....trees..	6,814	7,720	5,829	943	1,473	15,722	7,329	4,166	66,147
66	.....bushels..	4,518	2,133	680	756	802	2,759	2,460	2,044	6,451
67	Cherries.....trees..	1,659	1,784	153	58	14	156	174	1,043	166
68	.....bushels..	148	10		19		7	34	134	117
69	Grapes.....vines..	2,415	1,101	6,444	834	301	10,066	1,384	854	803
70	.....pounds..	8,942	5,840	3,799	9,282	2,510	10,335	8,802	4,157	5,914
Tropical fruits:										
71	Total.....trees..			243		9	10	64	2	119
72	Figs.....trees..			241		9	10	61	2	110
73	.....pounds..			405		260	40	401	100	5,765
Small fruits:										
74	Total.....acres..	35	13	18	1		2	3	10	8
75	.....quarts..	18,158	6,673	18,455	1,348	550	1,483	3,770	7,805	7,108
76	Strawberries.....acres..	17	9	13	1		2	2	8	7
77	.....quarts..	7,033	7,137	16,615	865	550	1,305	2,440	5,418	5,806
Nuts:										
78	Total.....trees..	2,997	97	133	126	92	6	376	1,205	693
79	.....pounds..	178,850	2,400	830	8,508	7,109		3,808	26,950	14,750
80	Pecans.....trees..	4	3	50	107	28	2	85	2	393
81	.....pounds..			690	7,150	299		1,433		115

TABLE 5.—SELECTED FARM EXPENSES AND

		Madison.	Marion.	Miller.	Mississippi.	Monroe.	Montgomery.	Nevada.	Newton.	Ouachita.
1	Labor.....Farms reporting.....	835	505	506	1,779	935	623	539		704
2	.....Cash expended.....dollars..	39,745	22,057	56,591	607,654	68,552	24,480	45,873	17,831	45,250
3	.....Rent and board furnished.....dollars..	10,479	3,288	11,759	66,818	13,102	7,331	11,618	3,261	12,922
4	Fertilizer.....Farms reporting.....	4	11	310	6	15	194	624	5	514
5	.....Amount expended.....dollars..	48	126	6,634	350	672	3,426	10,338	82	15,166
6	Feed.....Farms reporting.....	1,052	434	620	1,095	990	810	1,144	604	1,067
7	.....Amount expended.....dollars..	50,438	16,555	46,066	79,709	59,141	25,430	48,888	23,107	42,443
8	Receipts from sale of feedable crops.....dollars..	48,820	28,980	22,804	96,550	14,058	39,400	25,171	23,698	7,341

AGRICULTURE—ARKANSAS.

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ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

	Perry.	Phillips.	Pike.	Poinsett.	Polk.	Pope.	Prarie.	Pulaski.	Randolph.	St. Francis.	Salina.	Scott.	Searey.	Sebastian.
1	656,726	3,277,603	748,210	1,054,094	703,857	2,232,739	1,081,373	3,222,994	1,002,290	2,721,686	1,072,887	1,094,408	816,490	1,404,405
2	172,976	360,242	315,701	303,515	312,850	652,911	331,088	410,617	578,160	498,030	382,174	361,130	360,803	432,520
3	1,115	4,367	5,952	16	4,869	2,646	5,084	1,812	1,320	6,031	3,620	3,620	932	2,913
4	23,703	72,923	23,934	54,802	30,049	78,148	139,587	41,606	134,253	37,657	20,607	59,922	74,506	70,351
5	46,983	106,178	90,570	57,957	101,698	119,632	57,782	252,248	94,085	102,748	113,439	82,105	88,194	160,300
6	8,397	21,638	48,194	9,833	29,888	54,515	12,715	61,072	43,742	18,887	33,038	26,525	68,688	103,375
7	463,551	2,710,135	264,859	627,971	234,503	1,324,887	537,985	2,442,807	1,050,242	2,063,038	507,098	561,106	223,187	685,850
8	14,744	25,651	24,171	19,603	29,890	49,630	25,303	30,186	50,055	28,935	29,221	30,122	32,573	39,824
9	223,744	412,639	419,444	434,813	423,823	814,359	444,206	510,771	1,093,357	571,809	483,694	527,368	447,797	638,457
10	13,726	25,712	23,299	17,310	26,811	46,394	16,730	28,070	48,790	27,507	26,046	20,323	24,824	37,214
11	212,183	403,336	410,318	377,824	393,069	776,326	102,628	478,178	1,070,841	521,507	437,595	516,987	342,632	601,516
12	1,063	230	258	258	2,881	2,837	5,619	2,002	597	2,925	738	5,087	5,087	2,488
13	11,368	3,153	8,921	4,635	34,798	35,631	132,741	31,963	8,275	4,547	43,800	9,828	61,047	35,755
14	6	3	7	46	134	373	13	23	630	1	237	20	1,704	123
15	60	60	50	340	852	2,147	13	310	4,820	2	2,000	147	13,518	908
16	1	6	1	1	1	9	10	17	3	1	1	5	98	3
17	20	60	10	10	108	108	100	255	10	3	10	90	270	20
18	5	9	2	64	17	17	1	4	18	10	10	23	40	0
19	0	10	153	108	804	247	45	369	12	12	0	315	273	124
20				986			2,927			1,130				
21				52,190			118,404			46,740				
22	63	257	440		577	287	239	330	245	90	702	451	110	285
23	585	1,861	1,815		2,082	749	853	1,615	891	387	2,123	1,211	420	1,008
24	11	3	109		101	30	17	70	2	7	98	44	2	39
25	180	80	3,117	12	1,177	648	280	2,009	89	329	2,143	1,232	49	900
26	1,615	4,552	1,920	3,594	3,122	7,146	21,969	8,225	11,457	4,090	2,288	6,066	5,244	8,141
27	1,041	5,863	1,941	4,192	2,954	6,595	22,867	4,316	10,878	3,972	2,461	6,217	5,855	10,080
28	510	642	268	1,524	1,201	905	36	634	8,131	25	831	2,928	4,658	1,023
29	761	935	591	2,168	1,131	1,199	53	1,000	7,470	47	1,047	3,288	5,323	1,042
30	10	20	749	98	87	10	14	14	3,151	1	35	73	420	64
31	5	18	790	58	92	10	16	16	2,895	2	30	72	432	80
32	67	34	339	466	98	22	22	22	2,875	105	649	3,700	26	26
33	44	104	422	117	117	23	23	23	2,741	152	684	4,316	40	40
34	21	155	42	27	70	7	20	20	643	8	125	10	257	32
35	170	170	29	35	72	16	16	16	535	9	166	12	292	68
36	221	132	10	234	12	222	83	158	14	23	2	97	167	177
37	425	238	28	671	10	446	127	219	28	34	2	134	443	443
38	185	125	301	237	333	2,412	21,230	813	140	2,300	165	1,304	115	6,712
39	224	209	311	220	302	2,761	22,283	995	99	1,745	148	1,444	76	7,911
40	738	3,794	1,121	1,817	780	3,053	641	1,242	2,997	1,099	976	1,265	260	312
41	750	4,060	1,035	1,752	672	1,743	674	1,434	3,061	2,012	884	801	230	360
42	170	1	230	26	805	776	62	530	183	66	327	479	211	94
43	193	3	274	52	946	893	57	848	248	168	382	564	225	107
44	181	192	218	159	501	570	198	809	474	181	687	281	413	1,253
45	12,366	11,724	16,662	15,687	34,564	43,741	16,630	62,253	33,950	12,191	40,704	23,721	22,800	101,328
46	63	451	322	89	299	279	127	910	108	448	161	151	115	325
47	4,569	38,207	24,144	8,824	14,744	10,750	9,238	61,809	9,432	13,988	28,090	9,113	6,949	16,880
48	352	610	841	258	841	1,080	367	1,045	745	869	838	688	765	1,185
49	13,882	84,254	9,163	12,222	6,653	47,567	22,473	60,103	24,728	59,940	15,071	18,550	4,476	27,384
50	4,619	29,232	2,317	6,259	1,948	16,027	5,784	26,137	12,151	24,288	5,183	6,473	1,699	7,753
51														
52														
53														
54	191	104	610	165	665	726	92	303	442	245	475	530	575	422
55	515	718	2,080	456	1,646	1,419	272	684	1,533	999	1,488	1,681	1,010	1,181
56	7,050	7,018	32,825	6,529	21,783	17,533	3,427	6,448	26,473	8,745	17,378	16,691	9,681	14,722
57	35,044	16,031	230,220	16,640	303,198	249,632	35,160	85,510	147,583	20,900	101,088	122,654	186,559	527,368
58	9,960	23,784	41,068	9,015	38,111	70,854	14,239	36,779	73,688	21,341	28,246	112,037	98,206	28,806
59	8,238	4,140	36,887	7,790	143,554	113,157	7,913	25,330	43,172	8,172	33,414	42,460	90,453	93,650
60	3,965	6,841	10,244	4,163	31,253	28,044	4,878	14,535	36,845	4,833	15,848	9,458	50,875	23,897
61	29,834	9,685	179,120	6,256	184,014	122,524	23,864	44,243	85,158	10,667	50,153	69,606	83,265	419,661
62	5,330	14,301	29,737	3,594	4,499	39,287	8,216	18,083	32,299	14,826	11,509	10,987	49,013	69,252
63	2,265	659	5,527	5,134	5,134	4,476	916	4,685	2,621	788	5,756	1,661	5,593	5,593
64	43	1,164	143	124	186	223	160	907	793	387	179	47	2,460	2,460
65	3,384	1,559	11,354	2,022	15,549	10,742	2,447	10,339	15,240	1,132	6,135	8,957	9,286	3,319
66	610	1,394	924	1,110	2,142	3,197	978	3,193	3,410	1,242	1,497	1,639	4,888	2,646
67	118	28	245	75	794	1,458	18	336	1,259	67	137	436	2,216	780
68		17	9	15	15	75	1	39	261	10	25	8	405	38
69	11,104	382	2,231	2,621	12,539	21,755	5,370	25,777	7,122	401	120,393	10,510	1,407	26,342
70	19,943	3,316	4,081	25,755	16,349	64,041	13,505	34,981	20,478	3,091	100,930	24,463	6,714	19,802
71		30	11	6	102	41	2	12	5	25	1	1		2
72		30	11	6	100	39	2	11	3	55	24	1		2
73		1,141	330	8	182	192	118	118	1,201	110				
74	2	2	1	2	61	41	1	144	10	4	20	10	38	162
75	1,340	2,847	963	3,270	52,864	36,228	916	231,461	9,248	3,568	12,849	7,338	29,918	184,993
76	2	2	1	2	80	35		105	7	3	16	8	81	124
77	1,340	2,482	844	3,270	43,020	30,630	430	188,705	4,199	3,050	10,084	5,391	15,469	154,086
78	9	103	14	13	204	347	20	1,762	283	237	5,103	12	6	71
79		4,949	50	450	8,731	20,781		39,231	76	2,080	9,027	5	160	200
80	1	72	14	14	46	22	10	1,507	13	212	5,028	6	6	2
81		4,014	50	450	6	851		23,183	70	2,080	6,062	5	100	

RECEIPTS, BY COUNTIES: 1909—Continued.

1	345	2,020	613	540	540	1,273	634	1,392	1,170	877	677	671	612	989
2	14,678	143,278	42,520	89,735	39,043	77,497	80,223	189,934	108,732	93,430	36,618	27,244	39,686	80,737
3	3,211	127,331	5,172	17,750	7,040	11,101	14,550	34,359	12,523	25,054	9,434	6,340	4,302	10,747
4	35	39	253	3	289	233	166	397	33	32	601	58	6	308
5	718	3,039	5,065	524	5,598	3,765	5,573	12,485	542	1,547	14,023	1,048	56	9,222
6	429	1,452	755	449	1,973	1,187	1,007	1,557	917	721	806	735	624	1,315
7	10,309	118,891	32,198	33,193	49,414	40,917	77,073	148,991	37,917	42,191	40,555	23		

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

		Sevier.	Sharp.	Stone.	Union.	Van Buren.	Washing- ton.	White.	Woodruff.	Yell.
VALUE OF ALL CROPS										
1	Totals.....dollars.....	1,006,249	942,796	511,375	1,582,224	928,058	2,111,716	1,873,833	2,365,073	2,411,949
2	Cereals.....dollars.....	324,826	313,429	222,048	388,767	359,309	1,030,068	496,749	418,067	676,291
3	Other grains and seeds.....dollars.....	11,962	4,379	567	64,000	3,027	5,685	5,698	2,252	4,150
4	Hay and forage.....dollars.....	46,580	85,001	40,375	24,768	29,900	290,883	90,077	20,988	70,022
5	Vegetables.....dollars.....	77,115	73,608	48,066	197,922	83,203	158,434	145,490	84,076	122,591
6	Fruits and nuts.....dollars.....	76,501	38,021	19,980	46,868	44,852	353,484	133,346	18,171	62,706
7	All other crops.....dollars.....	460,265	427,468	180,333	859,899	407,767	273,172	1,062,473	1,812,569	1,473,180
SELECTED CROPS (acres and quantity)										
Cereals:										
8	Total.....acres.....	32,040	31,075	23,746	45,208	39,020	103,988	46,803	23,378	51,176
9	.....bushels.....	599,694	540,592	293,817	441,070	410,038	1,611,070	648,782	469,940	893,088
10	Corn.....acres.....	30,707	26,915	18,512	43,562	33,502	98,923	43,088	22,975	48,721
11	.....bushels.....	584,857	505,532	229,447	422,352	357,412	990,210	608,416	452,020	868,549
12	Oats.....acres.....	1,200	2,005	4,418	1,639	5,205	21,544	3,600	1,111	2,111
13	.....bushels.....	14,242	22,117	59,606	18,580	51,300	477,287	38,548	1,070	22,141
14	Wheat.....acres.....	3	2,071	794	2	230	13,270	90	25	297
15	.....bushels.....	24	12,097	4,092	36	993	141,554	1,512	250	1,926
16	Rye.....acres.....	2	5	18	5	5	118	17		9
17	.....bushels.....	20	18	60	102	41	610	275		53
18	Kafir corn and milo maize.....acres.....	37	79	4		24	122	2		37
19	.....bushels.....	541	828	12		252	1,430	31		418
20	Rice.....acres.....						5			
21	.....bushels.....						29		15,100	
Other grains:										
22	Dry peas.....acres.....	1,074	444	95	7,655	340	709	453	296	485
23	.....bushels.....	4,593	2,185	254	25,916	982	1,215	1,513	1,364	1,189
24	Peanuts.....acres.....	427	6	3	1,452	33	2	119	12	68
25	.....bushels.....	5,236	216	78	23,507	825	66	2,789	176	1,416
Hay and forage:										
26	Total.....acres.....	2,742	6,764	2,767	1,634	2,846	27,703	9,051	2,327	6,788
27	.....tons.....	3,672	7,720	3,108	2,097	2,517	27,998	7,324	2,309	6,168
28	All tame and cultivated grasses.....acres.....	911	4,232	2,450	231	982	21,790	2,765	184	2,092
29	.....tons.....	1,098	4,675	2,800	205	913	22,870	2,355	252	2,205
30	Timothy alone.....acres.....	4	1,149	144		193	3,460	210	43	224
31	.....tons.....	4	985	166		175	3,342	196	39	224
32	Timothy and clover mixed.....acres.....	1	748	1,981	3	258	12,821	98	3	237
33	.....tons.....	1	820	2,272	6	100	13,770	72	5	240
34	Clover alone.....acres.....	1	72	200		47	3,026	70	78	37
35	.....tons.....	1	67	215		47	3,248	101	116	30
36	Alfalfa.....acres.....	630	268	89	1	5	440	29	20	161
37	.....tons.....	1,793	567	152	3	11	506	30	40	244
38	Wild, salt, or prairie grasses.....acres.....	344	20	2	607	246	889	602	201	1,445
39	.....tons.....	227	17	1	846	217	777	518	223	1,366
40	Grains cut green.....acres.....	1,228	1,297	77	703	729	3,773	4,410	1,914	2,001
41	.....tons.....	1,029	1,155	59	866	516	3,083	3,351	1,795	1,789
42	Coarse forage.....acres.....	250	1,215	238	93	889	1,251	1,274	28	643
43	.....tons.....	418	1,873	188	120	871	1,268	1,100	39	680
Special crops:										
44	Potatoes.....acres.....	265	265	227	330	372	1,259	1,403	79	468
45	.....bushels.....	18,739	24,006	13,436	24,868	28,104	67,439	91,231	4,787	31,929
46	Sweet potatoes and yams.....acres.....	530	115	103	1,372	100	256	334	124	244
47	.....bushels.....	21,013	10,061	6,081	117,830	6,938	10,798	24,426	7,878	15,042
48	All other vegetables.....acres.....	716	712	622	1,012	829	2,089	1,090	804	1,039
49	Cotton.....acres.....	16,140	13,985	4,825	35,313	14,402	100	36,691	56,342	40,331
50	.....bales.....	4,521	4,291	1,368	7,522	3,050	30	10,737	22,294	17,302
51	Cane, sugar.....acres.....	203			637					
52	.....tons.....	1,277			4,708					
53	Sirup (made).....gallons.....	14,123			62,143					
54	Cane, sorghum.....acres.....	596	592	291	402	486	699	530	162	511
55	.....tons.....	2,587	1,453	671	1,094	719	1,098	953	422	1,552
56	Sirup (made).....gallons.....	31,109	16,881	3,861	16,675	5,145	11,913	16,193	7,445	15,674
FRUITS AND NUTS										
Orchard fruits:										
57	Total.....trees.....	514,022	175,856	112,181	219,756	198,567	2,066,479	154,468	11,739	190,446
58	.....bushels.....	45,275	58,257	35,889	52,396	74,119	514,950	85,907	18,821	65,131
59	Apples.....trees.....	18,232	44,341	63,850	15,660	130,634	1,793,045	44,738	2,008	29,018
60	.....bushels.....	4,502	18,360	18,183	7,680	41,110	489,995	27,039	5,056	12,136
61	Peaches and nectarines.....trees.....	476,334	118,704	39,576	172,994	61,037	245,187	92,915	7,836	145,909
62	.....bushels.....	38,311	30,006	15,149	39,391	31,153	22,573	54,561	11,691	53,109
63	Pears.....trees.....	5,853	2,213	6,368	1,222	9,374	5,974	5,929	449	2,839
64	.....bushels.....	218	468	151	1,845	216	936	368	360	598
65	Plums and prunes.....trees.....	13,202	9,246	5,970	24,378	4,601	7,866	9,017	1,216	12,862
66	.....bushels.....	2,219	3,283	2,366	3,230	1,353	1,746	3,567	1,644	2,678
67	Cherries.....trees.....	200	856	1,240	207	989	10,200	1,378	35	553
68	.....bushels.....	18	124	70	20	237	100	96	20	34
69	Grapes.....vines.....	1,303	31,242	1,840	1,406	5,432	50,511	19,069	286	17,805
70	.....pounds.....	6,602	13,283	8,711	30,694	18,088	147,358	58,457	3,234	78,471
Tropical fruits:										
71	Total.....trees.....	2	3		626	20	1	13	3	22
72	Figs.....trees.....	2	3		623	20		13	3	22
73	.....pounds.....				19,333	605		550	65	160
Small fruits:										
74	Total.....acres.....	6	17	8	6	32	1,702	1,041		9
75	.....quarts.....	7,102	14,694	5,857	5,354	9,353	1,492,902	1,726,953	585	7,341
76	Strawberries.....acres.....	3	8	5	5	13	1,611	1,005		6
77	.....quarts.....	3,154	5,488	3,702	4,566	6,347	1,351,321	1,677,512	265	4,421
Nuts:										
78	Total.....trees.....	8	46	103	821	585	8	535	74	132
79	.....pounds.....	60	5		40,120	20,565	75	25,742	2,135	590
80	Pecans.....trees.....	2	45	103	354	48	8	201	43	23
81	.....pounds.....	40	5		11,153		75	275	310	

TABLE 5.—SELECTED FARM EXPENSES AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	Labor.....Farms reporting.....dollars.....	542	654	425	1,036	607	1,736	1,308	1,106	1,452
2	.....Cash expended.....dollars.....	61,416	32,190	18,849	68,380	22,418	186,732	105,791	55,372	114,470
3	.....Rent and board furnished.....dollars.....	7,382	6,178	4,773	36,074	7,676	17,557	17,382	16,408	18,920
4	Fertilizer.....Farms reporting.....dollars.....	74	94	45	968	674	8	8		126
5	.....Amount expended.....dollars.....	1,352	837	535	27,091	13,875	8,556	48,932	386	2,178
6	Feed.....Farms reporting.....dollars.....	590	759	473	1,493	711	2,100	1,643	936	1,283
7	.....Amount expended.....dollars.....	28,352	27,370	16,487	66,473	25,286	118,694	74,733	61,111	52,824
8	Receipts from sale of feedable crops.....dollars.....	31,151	40,224	22,273	9,622	29,034	120,550	29,948	10,720	62,458

TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910.

	THE STATE.	Arkansas.	Ashley.	Baxter.	Benton.	Boone.	Bradley.	Calhoun.	Carroll.	Chicot.	
1	Inclosures reporting domestic animals...	36,326	463	479	100	1,116	330	397	51	387	
2	Value of domestic animals.....dollars..	6,631,812	113,457	115,317	23,349	206,726	44,474	75,148	29,435	75,127	
	Cattle:										
3	Total number.....	63,032	841	1,827	283	1,113	522	786	507	500	
4	Value.....dollars..	1,374,753	17,424	43,188	5,560	33,830	12,552	14,490	6,602	14,407	
5	Number of dairy cows.....	34,670	432	774	143	823	311	411	110	424	
	Horses:										
6	Total number.....	33,040	617	467	108	1,354	285	332	94	425	
7	Value.....dollars..	3,595,799	71,340	53,197	13,390	146,050	27,005	37,265	8,417	47,844	
8	Number of mature horses.....	31,793	574	451	99	1,295	271	332	87	400	
	Mules and asses and burros:										
9	Total number.....	9,997	125	53	28	137	29	139	84	94	
10	Value.....dollars..	4,400,811	20,690	7,985	3,755	24,210	3,189	20,025	13,020	10,420	
11	Number of mature mules.....	9,337	115	38	27	116	19	136	82	75	
	Swine:										
12	Total number.....	56,173	924	1,220	118	379	365	994	403	385	
13	Value.....dollars..	244,051	3,938	5,608	420	2,474	1,657	3,207	1,280	2,314	
	Sheep and goats:										
14	Total number.....	3,271	22	84	79	25	23	118	83	51	
15	Value.....dollars..	7,398	65	339	224	162	71	161	116	142	
		Clark.	Clay.	Cleburne.	Cleveland.	Columbia.	Conway.	Craighead.	Crawford.	Crittenden.	Cross.
1	Inclosures reporting domestic animals...	612	691	366	311	383	383	342	648	40	255
2	Value of domestic animals.....dollars..	102,910	* 129,281	54,617	41,532	66,559	45,540	139,912	94,128	13,701	60,881
	Cattle:										
3	Total number.....	1,269	1,170	746	895	598	475	1,256	912	101	924
4	Value.....dollars..	26,560	24,146	11,730	11,069	13,757	10,505	34,356	22,372	3,425	14,835
5	Number of dairy cows.....	656	696	352	381	373	299	768	573	37	288
	Horses:										
6	Total number.....	450	667	234	191	285	269	664	464	58	244
7	Value.....dollars..	47,766	74,700	24,667	18,934	29,520	27,432	78,345	40,550	7,325	27,130
8	Number of mature horses.....	435	640	237	186	277	266	648	447	51	224
	Mules and asses and burros:										
9	Total number.....	216	150	135	72	145	47	161	151	11	130
10	Value.....dollars..	25,850	22,220	14,166	8,585	21,670	5,469	21,790	21,770	1,800	20,185
11	Number of mature mules.....	215	137	122	72	128	37	148	133	10	127
	Swine:										
12	Total number.....	705	1,670	915	1,000	379	575	1,252	757	161	783
13	Value.....dollars..	2,723	8,160	3,933	2,936	1,553	2,122	5,371	3,374	1,132	4,577
	Sheep and goats:										
14	Total number.....	4	30	71	6	40	1	24	24	10	43
15	Value.....dollars..	11	49	121	9	59	1	50	62	19	154
		Dallas.	Desha.	Drew.	Faulkner.	Franklin.	Fulton.	Garland.	Grant.	Greene.	Hempstead.
1	Inclosures reporting domestic animals...	270	115	457	302	658	218	884	228	708	381
2	Value of domestic animals.....dollars..	39,033	28,642	97,116	67,146	81,649	34,437	181,701	35,934	114,323	72,882
	Cattle:										
3	Total number.....	495	408	1,179	617	946	493	1,106	699	809	668
4	Value.....dollars..	10,376	6,948	22,666	15,202	20,175	8,117	28,003	12,630	25,177	15,206
5	Number of dairy cows.....	288	146	521	376	621	258	681	272	601	352
	Horses:										
6	Total number.....	180	118	443	370	471	197	1,000	118	550	385
7	Value.....dollars..	17,450	12,445	56,275	30,749	43,345	18,930	112,844	11,451	74,055	41,049
8	Number of mature horses.....	180	101	438	368	452	182	986	110	544	371
	Mules and asses and burros:										
9	Total number.....	84	56	96	84	126	48	272	66	87	105
10	Value.....dollars..	10,046	8,355	14,165	9,960	13,575	4,840	38,896	9,135	12,185	14,340
11	Number of mature mules.....	77	54	94	69	117	39	248	61	80	91
	Swine:										
12	Total number.....	376	293	969	380	983	713	444	811	605	282
13	Value.....dollars..	1,169	894	3,470	2,237	4,631	2,517	1,022	2,683	2,664	1,487
	Sheep and goats:										
14	Total number.....	2	159	6	6	26	115	46	37	35	
15	Value.....dollars..	2	210	8	23	33	336	75	242	60	
		Hot Spring.	Howard.	Inde-pendence.	Izard.	Jackson.	Jefferson.	Johnson.	Lafayette.	Lawrence.	Leo.
1	Inclosures reporting domestic animals...	346	315	945	272	511	1,207	515	240	580	344
2	Value of domestic animals.....dollars..	43,896	40,041	98,847	41,154	101,867	214,447	75,140	58,087	97,020	158,434
	Cattle:										
3	Total number.....	587	594	1,085	694	1,021	1,647	781	514	1,187	887
4	Value.....dollars..	11,023	11,757	22,904	11,740	20,912	38,941	10,154	11,203	24,442	35,228
5	Number of dairy cows.....	273	363	638	315	535	945	498	266	606	513
	Horses:										
6	Total number.....	208	262	514	144	440	1,133	435	324	438	535
7	Value.....dollars..	19,445	27,005	54,669	17,675	54,524	122,844	44,414	36,768	48,338	71,805
8	Number of mature horses.....	198	256	496	135	429	1,088	415	303	413	457
	Mules and asses and burros:										
9	Total number.....	86	59	133	65	150	321	75	42	128	232
10	Value.....dollars..	10,800	8,415	16,150	8,030	20,110	49,425	9,105	8,040	16,499	40,675
11	Number of mature mules.....	83	58	120	54	138	316	68	41	95	229
	Swine:										
12	Total number.....	528	471	1,172	980	1,481	815	520	404	1,812	1,407
13	Value.....dollars..	1,964	1,854	4,974	3,539	6,081	3,114	2,467	2,041	7,522	10,462
	Sheep and goats:										
14	Total number.....	130	5	89	79	93	73	25	115	46	
15	Value.....dollars..	659	10	150	170	240	123	35	219	264	

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TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910—Continued.

	Lincoln.	Little River.	Logan.	Lonoke.	Madison.	Marion.	Miller.	Mississippi.	Monroe.
1 Inclosures reporting domestic animals.....									
2 Value of domestic animals.....dollars..	68	379	699	407	303	135	606	755	351
3 Cattle:	19,413	66,273	107,040	98,282	40,446	25,475	100,326	112,041	61,240
4 Total number.....									
5 Value.....dollars..	379	879	1,226	1,059	511	415	760	1,387	680
6 Number of dairy cows.....	4,234	15,200	24,877	22,029	10,065	6,882	17,421	30,899	13,100
7 Horses:	91	489	659	482	274	189	436	741	336
8 Total number.....									
9 Value.....dollars..	90	352	672	508	200	104	688	406	304
10 Number of mature horses.....	9,685	26,448	63,810	57,337	10,475	9,980	64,140	57,306	31,693
11 Mules and asses and burros:	85	338	617	483	175	96	607	440	294
12 Total number.....									
13 Value.....dollars..	25	143	109	87	70	44	132	124	106
14 Number of mature mules.....	3,995	18,700	14,175	11,010	7,850	6,206	15,930	18,220	15,139
15 Swine:	21	138	85	57	42	26	126	120	89
16 Total number.....									
17 Value.....dollars..	385	1,485	950	939	681	598	550	1,210	358
18 Sheep and goats:	1,400	5,759	4,168	6,396	2,017	2,307	2,665	5,498	1,315
19 Total number.....									
20 Value.....dollars..	8	95	7	4	35	26	6	17	1
	9	166	10	10	138	46	110	28	2

	Montgomery.	Nevada.	Newton.	Onachita.	Perry.	Phillips.	Pike.	Poinsett.	Polk.
1 Inclosures reporting domestic animals.....									
2 Value of domestic animals.....dollars..	166	286	90	561	258	207	437	304	475
3 Cattle:	34,423	51,548	14,028	85,178	34,834	110,581	68,215	54,702	76,896
4 Total number.....									
5 Value.....dollars..	524	332	281	1,237	563	627	1,053	705	646
6 Number of dairy cows.....	8,560	9,383	3,069	24,034	9,363	18,572	15,330	13,483	16,060
7 Horses:	240	200	100	613	807	282	476	302	420
8 Total number.....									
9 Value.....dollars..	133	295	73	411	135	404	229	203	440
10 Number of mature horses.....	13,180	20,680	7,085	42,461	13,868	64,420	19,010	25,195	42,025
11 Mules and asses and burros:	128	283	65	398	125	457	224	100	430
12 Total number.....									
13 Value.....dollars..	76	75	20	112	64	157	223	84	134
14 Number of mature mules.....	11,060	12,050	2,175	15,305	8,275	27,110	29,975	11,770	15,620
15 Swine:	70	74	17	109	62	165	217	76	124
16 Total number.....									
17 Value.....dollars..	453	128	323	916	838	127	1,243	942	494
18 Sheep and goats:	1,612	464	1,150	3,323	3,810	424	3,888	4,166	2,059
19 Total number.....									
20 Value.....dollars..	6	1		43	7	8	3	48	68
	11	1		55	12	65	3	90	143

	Popo.	Prairie.	Pulaski.	Randolph.	St. Francis.	Saline.	Scott.	Searcy.	Sebastian.
1 Inclosures reporting domestic animals.....									
2 Value of domestic animals.....dollars..	503	340	2,097	200	295	453	284	189	2,794
3 Cattle:	66,687	66,565	594,030	40,583	74,091	75,780	42,768	25,041	500,037
4 Total number.....									
5 Value.....dollars..	629	952	2,638	667	681	922	518	201	3,306
6 Number of dairy cows.....	15,060	18,482	73,004	13,302	19,852	16,785	10,008	6,200	80,274
7 Horses:	388	476	1,925	345	298	497	304	194	2,175
8 Total number.....									
9 Value.....dollars..	381	339	3,129	212	295	235	199	106	3,104
10 Number of mature horses.....	30,039	34,276	306,660	24,042	36,715	24,432	18,675	13,450	322,748
11 Mules and asses and burros:	374	320	3,102	194	279	227	189	102	3,115
12 Total number.....									
13 Value.....dollars..	90	107	976	40	103	212	94	33	738
14 Number of mature mules.....	9,970	11,925	147,551	7,000	14,140	30,540	11,430	3,625	88,492
15 Swine:	80	101	957	46	83	202	91	29	710
16 Total number.....									
17 Value.....dollars..	526	405	1,280	968	412	1,041	719	400	1,241
18 Sheep and goats:	2,574	1,873	6,363	3,094	3,298	3,806	2,642	1,766	3,345
19 Total number.....									
20 Value.....dollars..	25	3	204	19	57	139	4		10
	44	9	302	45	86	217	13		228

	Sevier.	Sharp.	Stone.	Union.	Van Buren.	Washington.	White.	Woodruff.	Yell.
1 Inclosures reporting domestic animals.....									
2 Value of domestic animals.....dollars..	425	186	51	654	104	983	854	203	624
3 Cattle:	93,619	29,671	8,503	111,661	12,722	152,114	127,489	131,434	100,534
4 Total number.....									
5 Value.....dollars..	753	505	150	1,215	248	1,019	1,512	1,189	1,145
6 Number of dairy cows.....	13,792	8,055	2,142	21,404	3,302	31,728	39,143	18,061	19,570
7 Horses:	401	228	71	584	126	771	850	518	638
8 Total number.....									
9 Value.....dollars..	382	150	39	444	46	934	630	300	496
10 Number of mature horses.....	37,998	14,780	3,970	48,274	4,554	103,775	68,443	33,530	52,783
11 Mules and asses and burros:	359	138	36	441	46	903	601	283	483
12 Total number.....									
13 Value.....dollars..	226	40	11	283	35	101	175	413	218
14 Number of mature mules.....	37,895	4,615	1,600	37,425	4,015	14,386	22,725	77,355	28,812
15 Swine:	215	39	11	231	33	73	165	407	209
16 Total number.....									
17 Value.....dollars..	875	635	235	1,213	263	416	1,333	550	2,142
18 Sheep and goats:	3,953	2,050	725	4,407	845	2,215	6,061	2,330	8,287
19 Total number.....									
20 Value.....dollars..	4	83	38	201	4	1	102	84	66
	11	171	66	151	6	10	117	158	82